



# Recombinant Rat F-box only protein 30 (Fbxo30)

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| <b>Product Code</b>      | CSB-YP733411RA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Abbreviation</b>      | Fbxo30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Uniprot No.</b>       | Q5XI67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Immunogen Species</b> | Rattus norvegicus (Rat)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Sequence</b>          | <p> MEEEVQQHSH CVNCVSRRCM TRPEPGVSCD LIGCPLVCGA VFHSCKADEH<br/> RLLCPFERVP CLNSNFGCPF TLARNKVAEH LEMCPASVVC CTMEWNRWPV<br/> SYSDRKSYES LSRDADEVSQ LDMALALQDQ RMLLESCLKVA TMMSKATGKI<br/> SKPREQISVN SSVQEVPRAN GLVSADEESY GALYEATVET TRSLAAALDI<br/> LNSATRDIGM LNTSLQGTTN EMDEESNRES SQDRNAKDQD HLDEGEIGAV<br/> GGIDYTGTSQ NAQAEQNGSS DLLCNLNTSS YDTSALCNGF PLEKMCTQVK<br/> DQDQNFHGDS TESNITNGDC VEADGTSEPP SLLVAEQLK EGSALPDSTY<br/> QHILMPDEDD DEDLCWKKDL GDSKDVNGSP LSHATSFKFL SNSWYIPKED<br/> KAVDTSBLEV AEDPMGLQGI DLITAALLFC LGDSPGGRGI SDSRMVDVYH<br/> VDFGTQTFSL PSAILATNTM VGEIASASAC DHANPQLSNP SPFQTLGLDL<br/> VLECVARYQP KQRSMFTFVC GQLFRRKEFS SHFKNVHGDI HAGLNGWMEQ<br/> RCPLAYYGCT YSQRRCFPST QGAKIIHDRH LRSFGVQPCV STALEEPSRN<br/> CVLGLRSDHL SSLPFEVLQH IAGFLDGFSL CQLACVSRLM RDICGSLLS<br/> RGMVILQWVK KKYPEGNSSW QIKEKVWRFS TAFCSVNDWK FADILSMADH<br/> LKKCSYNVIE KREEAIPLPC MCVTRELTK EGRSLRSVLKP VL </p> |
| <b>Source</b>            | Yeast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Target Names</b>      | Fbxo30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Names</b>     | Recommended name: F-box only protein 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Expression Region</b> | 1-742                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Length</b>    | full length protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Target Details</b>    | This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing                                                                                                                                                                                                                                                                                                                                                                                                                                                          |



either different protein-protein interaction modules or no recognizable motifs. This protein belongs to the Fbxs class and it is upregulated in nasopharyngeal carcinoma.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.