



Recombinant Mouse F-box/WD repeat-containing protein 7 (Fbxw7)

Product Code	CSB-BP851809MO
Abbreviation	Fbxw7
Storage	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.
Uniprot No.	Q8VBV4
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MRVCVPSSVL VLSCVCWCWG VLLPVPLPNL PFLACLSMST LESVTYLPEK GLYCQRLPSS RTHGGTESLK GKNTENMGFY GTLKMIFYKM KRKLDHGSEV RSFSLGKKPC KVS DYTSTTG LVPCSATPTT FGD LRAANGQ GQRRRITSV QPPTGLQEWL KMFQSWSGPE KLLALDELID SCEPTQVKHM MQVIEPQFQR DFISLLPKEL ALYVLSFLEP KDLLQAAQTC RYWRILAEDN LLWREKCKEE GIDEPLHIKR RKIIPGFIH SPWKSAYIRQ HRIDTNWRRG ELKSPKVLKG HDDHVITCLQ FCGNRIVSGS DDNTLVKWSA VTGKCLRTL V GHTGGVWSSQ MRDNIIISGS TDRTLKVVNA ETGECIHTLY GHTSTVRCMH LHEKRVS GS RDATLRVWDI ETGQCLHVL M GHVAAVRCVQ YDGRRVVS GA YDFMVKVWDP ETETCLHTLQ GHTNRVYSLQ FDGIHVVS GS LDTSIRVWDV ETGNCIHTLT GHQSLTSGME LKDNILVSGN ADSTVKIWDI KTGQCLQLTQ GPSKHQSAVT CLQFNKNFVI TSSDDGTVKL WDLKTGEFIR NLVTLESGGS GGVVWRIRAS NTKLVCAVGS RRGTEETKLL VLDFD VDMK
Source	Baculovirus
Target Names	Fbxw7
Protein Names	Recommended name: F-box/WD repeat-containing protein 7 Alternative name(s): F-box and WD-40 domain-containing protein 7 F-box protein FBW7 F-box protein Fbxw6 F-box-WD40 repeat protein 6 SEL-10
Expression Region	1-629
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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 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 was previously referred to as FBX30, and belongs to the Fbws class; in addition to an F-box, this protein contains 7 tandem WD40 repeats. This protein binds directly to cyclin E and probably targets cyclin E for ubiquitin-mediated degradation. Mutations in this gene are detected in ovarian and breast cancer cell lines, implicating the gene's potential role in the pathogenesis of human cancers. Three transcript variants encoding three different isoforms have been found for this gene.

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.

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.