



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

<b>Product Code</b>	CSB-EP851809MO
<b>Abbreviation</b>	Fbxw7
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8VBV4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MRVCVPSSVL VLSCVCWCWG VLLPVPLPNL PFLACLSMST LESVTYLPEK GLYCQRLPSS RTHGGTESLK GKNTENMGFY GTLKMIFYKM KRKLDHGSEV RSFSLGKKPC KVS DYTSTTG LVPCSATPTT FGD LRAANGQ GQQRRRITSV QPPTGLQEWL KMFQSWSGPE KLLALDELID SCEPTQVKHM MQVIEPQFQR DFISLLPKEL ALYVLSFLEP KDLLQAAQTC RYWRILAEDN LLWREKCKEE GIDEPLHIKR RKIIKPGFIH SPWKSAYIRQ HRIDTNWRRG ELKSPKVLKG HDDHVITCLQ FCGNRIVSGS DDNTLVKWSA VTGKCLRTLQ GHTGGVWSSQ MRDNIISGS TDRTLKVVNA ETGECIHTLY GHTSTVRCMH LHEKRVVSGS RDATLRVWDI ETGQCLHVLG GHVAAVRCVQ YDGRRVVSGA YDFMVKVWDP ETETCLHTLQ GHTNRVYSLQ FDGIHVVS GS LDTSIRVWDV ETGNCIHTLT GHQSLTSGME LKDNILVSGN ADSTVKIWDI KTGQCLQTLQ GPSKHQSAVT CLQFNKNFVI TSSDDGTVKL WDLKTGEFIR NLVTLESGGS GGVVWRIRAS NTKLVCAVGS RINGTEETKLL VLDFDVKMK
<b>Source</b>	E.coli
<b>Target Names</b>	Fbxw7
<b>Protein Names</b>	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
<b>Expression Region</b>	1-629
<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 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.

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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**

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