



Recombinant Human F-box/WD repeat-containing protein 7 (FBXW7)

Product Code	CSB-MP822163HU
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.	Q969H0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MNQELLSVGS KRRRTGGSLR GNPSSSQVDE EQMNRVVEEE QQQQLRQQEE EHTARNGEVV GVEPRPGGQN DSQQGQLEEN NNRFISVDED SSGNQEEQEE DEEHAGEQDE EDEEEEEMDQ ESDDFDQSDD SSREDEHTHT NSVTNSSSIV DLPVHQLSSP FYTKTTKMKR KLDHGSEVRS FSLGKKPCKV SEYTSTTGLV PCSATPTTFG DLRAANGQQQ QRRRITSVQP PTGLQEWLKM FQSWGPEKL LALDELIDSC EPTQVKHMMQ VIEPQFQRDF ISLLPKELAL YVLSFLEPKD LLQAAQTCRY WRILAEDNLL WREKCKEEGI DEPLHIKRRK VIKPGFIHSP WKSAYIRQHR IDTNWRRGEL KSPKVLKGHD DHVITCLQFC GNRIVSGSDD NTLKVWSAVT GKCLRTLVLGH TGGVWSSQMR DNIISGSTD RTLKVWNAET GECIHTLYGH TSTVRCMHLH EKRVVSGSRD ATRLVWDIET GQCLHVLMDGH VAAVRCVQYD GRRVVSGAYD FMVKVWDPET ETCLHTLQGH TNRVYSLQFD GIHVVSGSLD TSIRVWDVET GNCIHTLTGH QSLTSGMELK DNILVSGNAD STVKIWDIKT GQCLQLQGP NKHQSAVTCL QFNKNFVITS SDDGTVKLWD LKTGEFIRNL VTLESGGSGG VVWRIRASNT KLVCAVGSRN GTEETKLLVL DFDVDMK
Source	Mammalian cell
Target Names	FBXW7
Protein Names	Recommended name: F-box/WD repeat-containing protein 7 Alternative name(s): Archipelago homolog Short name= hAgo F-box and WD-40 domain-containing protein 7 F-box protein FBX30 SEL-10 hCdc4
Expression Region	1-707
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.