

F-box/WD repeat-containing protein 7 (FBXW7) Recombinant Protein | FBXW7 recombinant protein

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

CATALOG # AAA117478	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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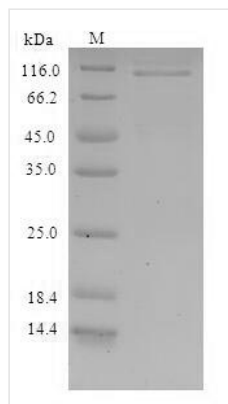
PRODUCT SYNONYMS

F-box/WD repeat-containing protein 7 (FBXW7); Recombinant Human F-box/WD repeat-containing protein 7 (FBXW7); F-box/WD repeat-containing protein 7; Archipelago homolog; hAgo; F-box and WD-40 domain-containing protein 7; F-box protein FBX30; SEL-10; hCdc4; FBXW7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-707. Full Length
Sequence	MNQELLSVGS KRRRTGGSLR GNPSSSQVDE EQMNRVVEEE QQQQLRQQEE EHTARNGEVV GVEPRPGGQN DSQQGQLEEN NNRFISVDED SSGNQEEQEE DEEHAGEQDE EDEEEEMDQ ESDDFDQSDD SSREDEHTHT NSVTNSSSIV DLPVHQLSSP FYTKTKMKR KLDHGSEVRS FSLGKKPKCV SEYTSTTGLV PCSATPTTFG DLRAANGQGQ QRRRITSVQP PTGLQEWLKM FQSWGPEKL LALDELIDSC EPTQVKHMMQ VIEPQFQRDF ISLLPKELAL YVLSFLEPKD LLQAAQTCRY WRILAEDNLL WREKCKEEGI DEPLHIKRRK VIKPGFIHSP WKSAYIRQHR IDTNWRRGEL KSPKVLKGHD DHVITCLQFC GNRIVSGSDD NTLKVWSAVT GKCLRTLUGH TGGVWSSQMR DNIISGSTD RTLKVWNAET GECIHTLYGH TSTVRCMLH EKRVSRSRD ATLRVWDIET GQCLHVLGMH VAAVRCVQYD GRRVSGAYD FMVKVWDPET ETCLHTLQGH TNRVYSLQFD GIHVVSGLD TSIRVWDVET GNCIHTLTGH QSLTSGMELK DNILVSGNAD STVKIWDIKT GQCLQLQGP NKHQSAVTCL QFNKNFVITS SDDGTVKLWD LKTGEFIRNL VTLES GSGG VVWRIRASNT KLVCVGSRN GTEETKLLVL DFDVDMK
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for FBXW7 recombinant protein	Substrate recognition component of an SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Recognizes and binds phosphorylated sites/phosphodegrons within target proteins and thereafter bring them to the SCF complex for ubiquitination (PubMed:17434132). Identified substrates include cyclin-E (CCNE1 or CCNE2), JUN, MYC, NOTCH1 released notch intracellular domain (NICD), and probably PSEN1 (PubMed:11565034, PubMed:12354302, PubMed:11585921, PubMed:15103331, PubMed:14739463, PubMed:17558397, PubMed:17873522, PubMed:22608923). Acts as a negative regulator of JNK signaling by binding to phosphorylated JUN and promoting its ubiquitination and subsequent degradation (PubMed:14739463).
Product Categories/Family for FBXW7 recombinant protein	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	61743926
NCBI GeneID	55294
NCBI Accession #	NP_001013433.1
NCBI GenBank Nucleotide #	NM_001013415.1
UniProt Accession #	Q969H0; Q68DR0; Q96A16; Q96LE0; Q96RI2; Q9NUX6; B7ZLP9
Molecular Weight	66,120 Da
NCBI Official Full Name	F-box/WD repeat-containing protein 7 isoform 3
NCBI Official Synonym Full Names	F-box and WD repeat domain containing 7, E3 ubiquitin protein ligase
NCBI Official Symbol	FBXW7
NCBI Official Synonym Symbols	AGO; CDC4; FBW6; FBW7; hAgo; FBX30; FBXW6; SEL10; hCdc4; FBXO30; SEL-10
NCBI Protein Information	F-box/WD repeat-containing protein 7; archipelago; F-box protein FBW7; F-box protein FBX30; F-box protein SEL-10; homolog of C elegans sel-10; F-box and WD-40 domain protein 7 (archipelago homolog, Drosophila)
UniProt Protein Name	F-box/WD repeat-containing protein 7
UniProt Gene Name	FBXW7
UniProt Synonym Gene Names	FBW7; FBX30; SEL10; hAgo
UniProt Entry Name	FBXW7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.