

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

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

CATALOG # AAA233494	HOST Cell Free Expression
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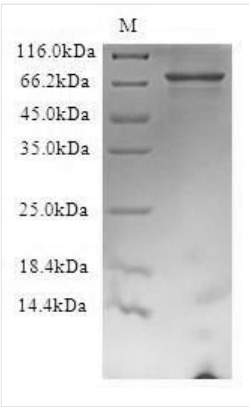
PRODUCT SYNONYMS

F-box/WD repeat-containing protein 7 (FBXW7); Recombinant Human F-box/WD repeat-containing protein 7 (FBXW7); Archipelago homolog1 Publication; hAgo1 Publication; F-box and WD-40 domain-containing protein 7Curated; F-box protein FBX301 Publication; SEL-101 Publication; hCdc4; FBXW7 recombinant protein

PRODUCT SPECIFICATIONS

Host	Cell Free Expression
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Liquid containing glycerol
Sequence Positions	1-707aa; 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 GKCLRTLGVH TGGVWSSQMR DNIISGSTD RTLKVWNAET GECIHTLYGH TSTVRCMHLH EKRVVSGSRD ATLRVWDIET GQCLHVLGMH VAAVRCVQYD GRRVVSAGYD FMVKVWDPET ETCLHTLQGH TNRVYSLQFD GIHVVSGLD TSIRVWDVET GNCIHTLTGH QSLTSGMELK DNILVSGNAD STVKIWDIKT GQCLQTLQGP NKHQSAVTCL QFNKNFVITS SDDGTVKLWD LKTGEFIRNL VTLESGSGG VVWRIRASNT KLVCAVGSRN GTEETKLLVL DFDVDMK
Species	Homo sapiens(Human)
Production Note	Special Offer: The Cell Free host-expressed protein is manufactured from a stock plasmid containing the protein gene. Cell Freehost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Cell Free host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Cell Free host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and 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 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C.

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; Transmembrane Protein
References	"SEL-10 interacts with presenilin 1, facilitates its ubiquitination, and alters A-beta peptide production."Li J., Pauley A.M., Myers R.L., Shuang R., Brashler J.R., Yan R., Buhl A.E., Ruble C., Gurney M.E.J. Neurochem. 82:1540-1548(2002)

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	83.7 kDa
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
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
UniProt Protein Name	F-box/WD repeat-containing protein 7
UniProt Gene Name	FBXW7
UniProt Synonym Gene Names	hAgo

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.

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Online datasheet: <https://stage.aaabiotech.com/fbxw7-recombinant-protein-cell-free-expression/233494>