

Recombinant Human FBXW11 Protein

Cat. No. FBXW11-14H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBXW11 Protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	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. The protein encoded by this gene belongs to the Fbws class and, in addition to an F-box, contains multiple WD40 repeats. This gene contains at least 14 exons, and its alternative splicing generates 3 transcript variants diverging at the presence/absence of two alternate exons.
Molecular Mass	The protein has a calculated MW of 62 kDa.
AA Sequence	MEPDSVIEDKTIELMCSVPRSLWLGCANLVESMCALSCLQSMPSVRCLQISNGTSSV IVSRKRPSEGN YQKEKDLCKYFDQWSESDQVEFVEHLISRMCHYQHG HINSY LKP MLQRDFITALPEQGLDHIAENILSYLDARSLCAAELVCKEWQRVISEGMLWKKLIERM VRTDPLWKGLSERRGWDQYLFKNRPTDGPPNSFYRSLYPKIIQDIETIESNWRGCR HNLQRIQCRSENSKGVYCLQYDDEKIIISGLRDNSIKIWDKTSLECLKVLTGHTGSVLC

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LQYDERVIVTGSSDSTVRVWDVNTGEVLNTLIHHNEAVLHLRFSNGLMVTCSKDRSI
 AVWDMASATDITLRRVLVGHRAAVNVVDFDDKYIVSASGDRTIKVWSTSTCEFVRTL
 NGHKRGIACLQYRDRLVVGSSDNTIRLWDIECGACLRVLEGHEELVRCIRFDNKRI
 VSGAYDGGIKVWDLQAALDPRAPASTLCLRTLVEHSGRVFRLQFDEFQIISSSHDDTI
 LIWDFLNVPPSAQNETRSPSRTYTYISR

Purity > 90% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.2 mg/mL by BCA

Storage Buffer 25mM Tris, 150 mM NaCl, 500 mM Arginine, pH8.5

GENE INFORMATION

Gene Name FBXW11 F-box and WD repeat domain containing 11 [Homo sapiens]

Official Symbol FBXW11

Synonyms FBXW11; F-box and WD repeat domain containing 11; F box and WD 40 domain protein 1B, F box and WD 40 domain protein 11, FBXW1B; F-box/WD repeat-containing protein 11; BTRC2; BTRCP2; Fbw1b; Fbw11; Hos; KIAA0696; F-box protein Fbw1b; homologous to Slimb protein; F-box and WD-40 domain protein 11; F-box and WD-40 domain protein 1B; F-box/WD repeat-containing protein 1B; F-box and WD repeats protein beta-TrCP2; beta-transducin repeat-containing protein 2; FBW1B; FBXW1B;

Gene ID 23291

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mRNA Refseq	NM_012300
Protein Refseq	NP_036432
MIM	605651
UniProt ID	Q9UKB1

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