

Recombinant Human FBXW11 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FBXW11-6063H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FBXW11 MS Standard C13 and N15-labeled recombinant protein (NP_387448) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	60.9 kDa
AA Sequence	MEPDSVIEDKTIELMNTSVMEDQNEDESPKKNTLWQISNGTSSVIVSRKRKRPSEGNYQ KEKDLCIKYFDQWSESDQVEFVEHLISRMCHYQHGHSYLPMLQRDFITALPEQG LDHIAENILSYLDARSLCAAELVCKEWQRVISEGMLWKKLIERMVRTDPLWKGLSER

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RGWDQYLFKNRPTDGPPNSFYRSLYPKIIQDIETIESNWRCGRHNLQRIQCRSENSK
 GVYCLQYDDEKIIISGLRDNSIKIWDKTSLECLKVLTGHTGSVLCLQYDERVIVTGSSD
 STVRVWDVNTGEVLNLIHHNEAVLHLRFSNGLMVTCSKDRSIAVWDMASATDITLR
 RVLVGHRAAVNVVDFDDKYIVSASGDRTIKVWSTSTCEFVRTLNHGKRGIAQLQYRD
 RLVVSGSSDNTIRLWDIECGACLRVLEGHEELVRCIRFDNKRIVSGAYDGKIKVWDL
 QAALDPRAPASTLCLRTLVEHSGRVFRLQFDEFQIISSSHDDTILIWDFLNVPPSAQN
 ETRSPSRITYTYISRTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

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;

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FBW1B; FBXW1B;

Gene ID 23291

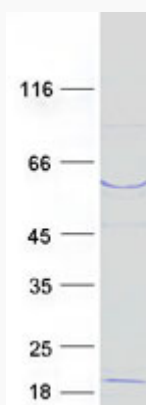
mRNA Refseq NM_033644

Protein Refseq NP_387448

MIM 605651

UniProt ID Q9UKB1

SDS-PAGE



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