Recombinant Full Length Human FBXW2 Protein, GST-tagged

Cat. No. FBXW2-4702HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FBXW2 full-length ORF (AAH18738, 1 a.a. - 454 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	454 amino acids
Description	F-box proteins are an expanding family of eukaryotic proteins characterized by an approximately 40 amino acid motif, the F box. Some F-box proteins have been shown to be critical for the ubiquitin-mediated degradation of cellular regulatory proteins. In fact, F-box proteins are one of the four subunits of ubiquitin protein ligases, called SCFs. SCF ligases bring ubiquitin conjugating enzymes to substrates that are specifically recruited by the different F-box proteins. Mammalian F-box proteins are classified into three groups based on the presence of either WD-40 repeats, leucine-rich repeats, or the presence or absence of other protein-protein interacting domains. This gene encodes the second identified member of the F-box gene family and contains multiple WD-40 repeats. [provided by RefSeq, Jul 2008]
Molecular Mass	75.68 kDa
AA Sequence	MERKDFETWLDNISVTFLSLTDLQKNETLDHLISLSGAVQLRHLSNNLETLLKRDFLK LLPLELSFYLLKWLDPQTLLTCCLVSKQWNKVISACTEVWQTACKNLGWQIDDSVQ DALHWKKVYLKAILRMKQLEDHEAFETSSLIGHSARVYALYYKDGLLCTGSDDLSAK

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	LWDVSTGQCVYGIQTHTCAAVKFDEQKLVTGSFDNTVACWEWSSGARTQHFRGHT GAVFSVDYNDELDILVSGSADFTVKVWALSAGTCLNTLTGHTEWVTKVVLQKCKVK SLLHSPGDYILLSADKYEIKIWPIGREINCKCLKTLSVSEDRSICLQPRLHFDGKYIVCS SALGLYQWDFASYDILRVIKTPEIANLALLGFGDIFALLFDNRYLYIMDLRTESLISRWP LPEYRKSKRGSSFLAGEASWLNGLDGHNDTGLVFATSMPDHSIHLVLWKEHG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	FBXW2 F-box and WD repeat domain containing 2 [Homo sapiens]
Official Symbol	FBXW2
Synonyms	FBXW2; F-box and WD repeat domain containing 2; F box and WD 40 domain protein 2; F-box/WD repeat-containing protein 2; FBW2; Fwd2; Md6; F-box and WD-40 domain protein 2; F-box and WD-40 domain-containing protein 2; MGC117371;
Gene ID	26190
mRNA Refseq	NM_012164

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Protein Refseq	NP_036296
MIM	609071
UniProt ID	Q9UKT8

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