

Recombinant Full Length Human FBXW12 Protein, GST-tagged

Cat. No. FBXW12-4701HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FBXW12 full-length ORF (AAI01306.1, 1 a.a. - 445 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	445 amino acids
Description	Members of the F-box protein family, such as FBXW12, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM 603034), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed 15520277]).[supplied by OMIM, Mar 2008]
Molecular Mass	77.2 kDa
AA Sequence	MSPTHQIQDPKHWNRIADSDYLWRSLSLQRWDCSNFTNQHLGHTHWKQFFLHQRR KELRLALAQPHNFIYKVTKNIAFETELAYLSGNRLTVDEQEKSICSVSPKQELCAWDV QEGTMIWSSPVQEFHFSNLVTLPMHLAITMDRKKTIKVNWCQDRDALAVLPMPQP CYCMEAYLTKDGPFLMVGDAAGDIYTFTLPGLRDVSKVTAQYQYGVLLHCSPDKKWV FACGTYSRTLTPQVFLTESLLRPSEGSDPLSTLLPHKLCASACWTPKVKNRITLMSQS STGKKTEFITFDLTTKKTGGQTVIQAYEIASFQVAHLKCPIWMGASDGYMIVFTSGP YLLFSITGFLLQRFEDHQAANNFWVDPYVLTTSSENSVHVYMWEEGGRHPYLRS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

CCHLENTWHDHTTDCISSVMCDNASIVLRVRKVSDSSILVMYSLNT

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

[FBXW12 F-box and WD repeat domain containing 12 \[Homo sapiens \]](#)

Official Symbol

[FBXW12](#)

Synonyms

FBXW12; F-box and WD repeat domain containing 12; F box and WD 40 domain protein 12 , F box only protein 35 , FBXO35; F-box/WD repeat-containing protein 12; Fbw12; F-box only protein 35; F-box and WD-40 domain protein 12; F-box- and WD40-repeat-containing protein; F-box and WD-40 domain-containing protein 12; FBW12; FBXO12; FBXO35; MGC120385; MGC120386; MGC120387;

Gene ID

[285231](#)

mRNA Refseq

[NM_001159927](#)

Protein Refseq

[NP_001153399](#)

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MIM	609075
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UniProt ID	Q6X9E4
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