

# Recombinant Human FBXL4 Protein, GST-tagged

**Cat. No.** FBXL4-3905H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human FBXL4 full-length ORF ( NP_036292.2, 1 a.a. - 621 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | <p>This gene encodes a member of the F-box protein family, which are characterized by an approximately 40 amino acid motif, the F-box. F-box proteins constitute one subunit of modular E3 ubiquitin ligase complexes, called SCF complexes, which function in phosphorylation-dependent ubiquitination. The F-box domain mediates protein-protein interactions and binds directly to S-phase kinase-associated protein 1. In addition to an F-box domain, the encoded protein contains at least 9 tandem leucine-rich repeats. The ubiquitin ligase complex containing the encoded protein may function in cell-cycle control by regulating levels of lysine-specific demethylase 4A. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]</p> |
| <b>Molecular Mass</b>   | 96.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MSPVFPMLTVLTMFYICLRRRARTATRGEMMNTHRAIESNSQTSPLNAEVLVQYAK<br>EVVDFSSHYGSENSMSYTMWNLGVNVPSSGDFQTAVFRTYGTWWDQCPSA<br>SLPFKRTPPNFQSQDYVELTTFEQQVYPTAVHVLETYHPGAVIRILACSANPYSPNPP<br>AEVRWEILWSEPTKVNASQARQFKPCIKQINFPTNLIRLEVNSSLLEYYTELDAVVL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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

HGVKDKPVLSLKTSLIDMNDIEDDAYAEKDGC GMDSLNKKFSSAVLGEGPNNGYFD  
 KLPYELIQLILNHLTLPDLCRLAQTCKLLSQHCCDPLQYIHLNLQPYWAKLDDTSLEFL  
 QSRCTLVQWLNLSWTGNRGFISVAGFSRFLKVC GSELVRLELSCSHFLNETCLEVIS  
 EMCPNLQALNLSSCDKLPPQAFNHIAKLCSL KRLVLYRTKVEQTALLSILNFCSELQH  
 LSLGSCVMIEDYDVIASMI GAKCKKLRTL DLWRCKNITENGIAELASGCPLLEEDLG  
 WCPTLQSSTGCFTRLAHQLPNLQKLFLTANRSVCDTDIDELACNCTRLQQLDILGTR  
 MVSPASLRKLLIESCKDLSLLDVSFCSQIDNRAVLELNASFPKVFIKKSFTQ

**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**

**FBXL4 F-box and leucine-rich repeat protein 4 [ Homo sapiens ]**

**Official Symbol**

**FBXL4**

**Synonyms**

FBXL4; F-box and leucine-rich repeat protein 4; F-box/LRR-repeat protein 4; FBL4;  
 FBL5; F-box protein FBL4; F-box protein FBL4/FBL5;

**Gene ID**

**26235**

**mRNA Refseq**

**NM\_012160**

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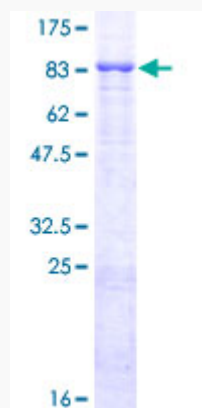
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**Protein Refseq** NP\_036292

**MIM** 605654

**UniProt ID** Q9UKA2

**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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