

Recombinant Human FBXL3 protein, GST-tagged

Cat. No. FBXL3-32H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBXL3(1 a.a. - 428 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-428 a.a.
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 Fbls class and, in addition to an F-box, contains several tandem leucine-rich repeats and is localized in the nucleus.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	75.1 kDa
AA Sequence	MKRGGRSDRNSSEEGTAEKSKKLRTTNEHSQTCDWGNLLQDIILQVFKYLPLDDR AHASQVCRNWNQVFHMPDL WRCFEFELNQPATSYLKATHPELIKQIIKRHSNHLQY

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VSFKVDSSKESAEAAACDILSQLVNC SLKTLGLISTARP SFMDLPKSHFISALT VV FVN
SKSLSSLKIDDT PVDDPSLKV LVANN S DTLKLLKMSSCPHVSPAGILCVADQCHG LR
ELALNYHLLSDELL LALSSEKHVRLEHLRIDV VSENP GQTHFHTIQSSWDAFIRHSP
KVNLMYFFLYEEEE DPFFRYEIPATHLYFGRSVSKDVLGRVGMTCPRLVELLVCA
NGLRPLDEELIRIAERCKNLSAIGLGECEVSCSA FVEFVKMCGGRLSQLSIMEEVLIP
DQKYSLEQIHWEVSKHLGRVWFPDMMPTW

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.

GENE INFORMATION

Gene Name

FBXL3 F-box and leucine-rich repeat protein 3 [Homo sapiens]

Official Symbol

FBXL3

Synonyms

FBXL3; F-box and leucine-rich repeat protein 3; F box and leucine rich repeat protein 3A , FBXL3A; F-box/LRR-repeat protein 3; FBL3; FBL3A; F-box protein Fbl3a; F-box/LRR-repeat protein 3A; F-box and leucine-rich repeat protein 3A; FBXL3A;

Gene ID

26224

mRNA Refseq

NM_012158

Protein Refseq

NP_036290

MIM

605653

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UniProt ID	Q9UKT7
Chromosome Location	13q22
Pathway	Association of TriC/CCT with target proteins during biosynthesis, organism-specific biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Circadian Clock, organism-specific biosystem; Circadian rhythm - mammal, organism-specific biosystem; Circadian rhythm - mammal, conserved biosystem; Metabolism of proteins, organism-specific biosystem; Protein folding, organism-specific biosystem;
Function	protein binding; contributes_to ubiquitin-protein ligase activity; ubiquitin-protein ligase activity;