

Recombinant Mouse Fbxl12 Protein, Myc/DDK-tagged

Cat. No. Fbxl12-2960M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length F-box and leucine-rich repeat protein 12 (Fbxl12), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. Mediates the polyubiquitination and proteasomal degradation of CAMK1 leading to disruption of cyclin D1/CDK4 complex assembly which results in G1 cell cycle arrest in lung epithelia.
Molecular Mass	30.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Fbxl12 F-box and leucine-rich repeat protein 12 [Mus musculus (house mouse)]
Official Symbol	Fbxl12
Synonyms	FBXL12; F-box and leucine-rich repeat protein 12; F-box/LRR-repeat protein 12; F-box protein FBL12; F-box protein containing leucine repeats 12; Fbl12; 3110048D16Rik
Gene ID	30843
mRNA Refseq	NM_001002846
Protein Refseq	NP_001002846
UniProt ID	Q9EPX5

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