

Recombinant Mouse Fbxo31 Protein, Myc/DDK-tagged

Cat. No. Fbxo31-2967M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length F-box protein 31 (Fbxo31), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of some SCF (SKP1-cullin-F-box) protein ligase complex that plays a central role in G1 arrest following DNA damage. Specifically recognizes phosphorylated cyclin-D1 (CCND1), promoting its ubiquitination and degradation by the proteasome, resulting in G1 arrest.
Molecular Mass	39.5 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	Fbxo31 F-box protein 31 [Mus musculus (house mouse)]
Official Symbol	Fbxo31
Synonyms	FBXO31; F-box protein 31; F-box only protein 31; F-box only protein 14; Fbx14; Fbxo14; 1110003O08Rik; 2310046N15Rik
Gene ID	76454
mRNA Refseq	NM_133765
Protein Refseq	NP_598526
UniProt ID	www.uniprot.org/uniprot/Q3TQF0

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