

Product datasheet for **TP505289**

Fbxo31 (NM_133765) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse F-box protein 31 (Fbxo31), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR205289 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MYLPPHDPHVGDPMRFKPLFRIHLMERKSATVECMYGHKGPNGHIQILKRDEFSTKCNQTDHHRMSGGR
QEEFRTLWREEWGRTLEDIFHEHMQELILMKFIYTSQYDNCLTYRRIYLPPSHPDLLIKPGLFKGTYGSH
GLEIVMLSFHGSRARGTKITGDPNIPAGQQTVEIDLQRRQLPDVENLRNFNELSRIVLEVREQVRQEQE
AGEGAAPPREPSAKAADGPPAKDGKEPGGGAEAAEQSASSGQGQPFVLPVGVSSRNEDYPRTCRLCFYGT
GLIAGHGFTSPERTPGVFLFDEDRFGFLWLELKSFSLSRVQATFQNAAAPSPQAFDEMLRNIQSLTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	39.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_598526
Locus ID:	76454
UniProt ID:	Q3TQF0



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RefSeq Size: 4372

Cytogenetics: 8 E1

RefSeq ORF: 1050

Synonyms: 1110003O08Rik; 2310046N15Rik; Fbx14; Fbxo14

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]