

Product datasheet for TP504114

Fbxo2 (NM_176848) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse F-box protein 2 (Fbxo2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204114 protein sequence Red =Cloning site Green =Tags(s)

MDGDGDPESVSHPEEASPEEQPEEAGAEASAEQQLREAEAEAEAEVEYLAELPEPLLLRVLAE LPATE
LVQACRLVCLRWKELVDGAPLWLLKQCQEGLVPEGSAD EERDHWQQFYFLSKRRRNLLRNPCGEEDLEGW
SDVEHGGDGWRVEELPGDNGVEFTQDDSVKKYFASSFEWCRKAQVIDLQAEGYWEELLDTTQPAIVKDW
YSGRTDAGSLYELTVRLLESENEDVLAEFATGQVAVPEDGSWMEISHTFIDYGPVRFVRFVFEHGGQDSVYW
KGWFGARVTNSSVWVEP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

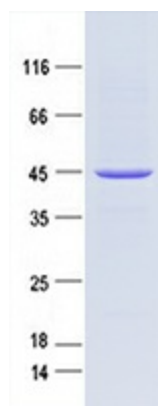
Tag:	C-MYC/DDK
Predicted MW:	33.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before 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_789818
Locus ID:	230904
UniProt ID:	Q80UW2 , Q3USR5



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RefSeq Size:	1260
Cytogenetics:	4 78.68 cM
RefSeq ORF:	894
Synonyms:	FBG1; Fbs1; Fbs2; FBX2; NFB42; Prpl4
Summary:	Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex that mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Involved in the endoplasmic reticulum-associated degradation pathway (ERAD) for misfolded luminal proteins by recognizing and binding sugar chains on unfolded glycoproteins that are retrotranslocated into the cytosol and promoting their ubiquitination and subsequent degradation. Prevents formation of cytosolic aggregates of unfolded glycoproteins that have been retrotranslocated into the cytosol. Able to recognize and bind denatured glycoproteins, preferentially those of the high-mannose type.[UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Fbxo2 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.