

Product datasheet for **TP508916**

Fbxw11 (NM_134015) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse F-box and WD-40 domain protein 11 (Fbxw11), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208916 protein sequence Red =Cloning site Green =Tags(s)

MEPDSVIEDKTIELMCSVPRSLWLGCANLVESMCALSCLQSMPSVRCLQNTSVMEDQNEDESPKKSALWQ
ISNGTSSVIVSRKRPSEGNYPQKEKDLCKYFDQWSESDQVEFVEHLISRMCHYQHGHIINSYLPMLQRDF
ITALPEQGLDHAENILSYLDARSLCAAELVCKEWQRVISEGMLWKKLIERMVRTDPLWKGLSERRGWDQ
YLFKNRPTDGPPNSFYRSLYPKIIQDIETIESNWRRCGRHNLQRIQCRSENSKGVYCLQYDDDIIISGLRD
NSIKIWDKSSLECLKVLTGHTGSVLCQYDERVIVTGSSDSTVRVWDVNTGEVLNLIHHNEAVLHLRFS
NGLMVTCSKDRSIAVWDMASATDITLRRVLVGHRAAVNVVDFDDKYIVSASGDRTIKVVSTSTCEFVRTL
NGHKRGIAQLQYRDRLVSGSSDNTIRLWDIECGACLRLVLEGHEELVRCIRFDNKRIVSGAYDGKIKVWD
LQAALDPRAPASTLCLRTLVEHSGRVFRLQFDEFQIISSSHDDTILIWDFLNVPPSAQNETRSPSRTYTY
ISR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	64.5 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.



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RefSeq:	NP_598776
Locus ID:	103583
UniProt ID:	Q5SRY7
RefSeq Size:	4339
Cytogenetics:	11 A4
RefSeq ORF:	1692
Synonyms:	2310065A07Rik; AA536858; BTRC2; BTRCP2; Fbxw1b; HOS

Summary: Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Probably recognizes and binds to phosphorylated target proteins. SCF(FBXW11) mediates the ubiquitination of phosphorylated CTNNB1 and participates in Wnt signaling. SCF(FBXW11) mediates the ubiquitination of phosphorylated NFKBIA, which degradation frees the associated NFKB1 to translocate into the nucleus and to activate transcription. SCF(FBXW11) mediates the ubiquitination of IFNAR1. SCF(FBXW11) mediates the ubiquitination of CEP68; this is required for centriole separation during mitosis (By similarity). Involved in the oxidative stress-induced a ubiquitin-mediated decrease in RCAN1. Mediates the degradation of CDC25A induced by ionizing radiation in cells progressing through S phase and thus may function in the intra-S-phase checkpoint. Has an essential role in the control of the clock-dependent transcription via degradation of phosphorylated PER1 and phosphorylated PER2. SCF(FBXW11) mediates the ubiquitination of CYTH1, and probably CYTH2 (By similarity). [UniProtKB/Swiss-Prot Function]