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Product datasheet for TP517519

Rffl (NM_026097) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ring finger and FYVE like domain containing protein (Rffl), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217519 protein sequence Red=Cloning site Green=Tags(s) MWASCCNWFCLDGQPEEAPPPQGARTQAYSNPGYSSFPSPTGSEPSCKACGVHFASTTRKQTCLDCKKN F CMTCSSQEGNGPRLCLLCLRFRATAFQREELMKMKVKDLRDYLSLHDISTEMCREKEELVFLVLGQQPVI SEADRTRVPHLPQAFPEQQAFLTQPQTSTVPPTSPGLPSSPAQVTSVPLAQDQETQQSVDSEDSFVPGRR ASLSDLTHLEDIEGLTVRQLKEILARNFVNYKGCCEKWELMERVTRLYKDQKGLQHLVSGNEDQNGGAVP SGLEENLCKICMDSPIDCVLLECGHMVTCTKCGKRMNECPICRQYVIRAVHVFRS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	37.4 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_080373
Locus ID:	67338
UniProt ID:	Q6ZQM0

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RefSeq Size:	3533
Cytogenetics:	11 C
RefSeq ORF:	1005
Synonyms:	1700051E09Rik; 4930516L10Rik; BG080975; Carp2
Summary:	E3 ubiquitin-protein ligase that regulates several biological processes through the ubiquitin-mediated proteasomal degradation of various target proteins. Mediates 'Lys-48'-linked polyubiquitination of PRR5L and its subsequent proteasomal degradation thereby indirectly regulating cell migration through the mTORC2 complex. Also ubiquitinates the caspases CASP8 and CASP10, promoting their proteasomal degradation, to negatively regulate apoptosis downstream of death domain receptors. Also negatively regulates the tumor necrosis factor-mediated signaling pathway through targeting of RIPK1 to ubiquitin-mediated proteasomal degradation. Negatively regulates p53/TP53 through its direct ubiquitination and targeting to proteasomal degradation. Indirectly, may also negatively regulate p53/TP53 through ubiquitination and degradation of SFN. May also play a role in endocytic recycling. [UniProtKB/Swiss-Prot Function]