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Product datasheet for TP505854

Rnf34 (NM_030564) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ring finger protein 34 (Rnf34), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205854 protein sequence Red=Cloning site Green=Tags(s) MKAGATSMWASCCGLLNEVMGTGAVRGQQAGFPGSTGPFRFTPSSDFPTYPPAATEGPNIVCKACGLSFS VFRKKHVCCDCKKDFCSLCSVSQENLRRCSTCHLLQETAFQRPQLMRLKVKDLRQYLLLRNIPTDTCREK EDLVDLVLCHRGLGSGDDLDSSSLNSSRSQTSSFFTQSLFSNYTPPSATVSSFQGELMDRDGAFRSEVLA QVQSEIASANTDDDDDDDDDDDDEDDDDEQEEEEQNPGLSKKKARASLSDLSSLEEVEGMSVRQLKEIL ARNFVNYSGCCEKWELVEKVNRLYKENEENQKSYGERMQLQDEEDDSLCRICMDAVIDCVLLECGHMVTC TKCGKRMSECPICRQYVVRAVHVFKS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	42 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_085041
Locus ID:	80751
UniProt ID:	Q99KR6

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RefSeq Size:	1980
Cytogenetics:	5 F
RefSeq ORF:	1131
Synonyms:	AW061037; AW536122; BC004042; C88279; RIFF
Summary:	E3 ubiquitin-protein ligase that regulates several biological processes through the ubiquitin-mediated proteasomal degradation of various target proteins. Ubiquitinates the caspases CASP8 and CASP10, promoting their proteasomal degradation, to negatively regulate cell death downstream of death domain receptors in the extrinsic pathway of apoptosis. May mediate 'Lys-48'-linked polyubiquitination of RIPK1 and its subsequent proteasomal degradation thereby indirectly regulating the tumor necrosis factor-mediated signaling pathway. 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. Mediates PPARGC1A proteasomal degradation probably through ubiquitination thereby indirectly regulating the metabolism of brown fat cells (PubMed:22064484). Possibly involved in innate immunity, through 'Lys-48'-linked polyubiquitination of NOD1 and its subsequent proteasomal degradation.[UniProtKB/Swiss-Prot Function]