

Product datasheet for **TP516756**

Rufy4 (NM_001170641) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RUN and FYVE domain containing 4 (Rufy4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216756 protein sequence Red =Cloning site Green =Tags(s)
	MANNGTILKISRSLKNAVSAILQGYGDGQEPVTDTSAEHLRLCGCLELLLQFDQKEQRSFLGARKDYWDF LFTALRRHRGYTEQMSFICSQDKLKTSLGKGRAFIRLCLARGQLAESMQCLLNQLTREWYGPRSPLLC PELQEDILDSLYALNGVAFNLDLQRPDLDEAWPMFSESRCSSPSRTGKRPGKPKGFPPEEVRCSRGEQLQ EPDTGGTSCLQDATREDRTPDLCKPLQPSHLPTFLEEKREDSRSLSCPQSTWETEREGFQLDQKDGGPKP RKFLENSTASIQQRSRAKDVKMQLTGRKVEGKGSLSGTEDQRTTEGIQKRAADWDLGQGLMAPGLQGR E DAELGYRCEWNQPDVLRQSWVLGTTKSSPTEKPQEWTVGTSGTMQEDGSEVPLQQEVIKDPGYGLQLAK E QAQCQEQLRAQEAELQALQEQLSRCQKERALLQVKLEQKQQAERRDAMYQTELEGQRDLVQAMKRRV LE LIHEKDLQWQRLQQLSTVAPGHICGNKVFRRLSRRYPCLCGGLVCHACSVDYKKRERCCPTCAQQEEI QDT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	64 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.



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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:	<u>NP_001164112</u>
Locus ID:	435626
UniProt ID:	<u>Q3TYX8</u>
RefSeq Size:	2336
Cytogenetics:	1 C3
RefSeq ORF:	1689
Synonyms:	F930048N03Rik
Summary:	Positively regulates macroautophagy in primary dendritic cells. Increases autophagic flux, probably by stimulating both autophagosome formation and facilitating tethering with lysosomes. Binds to phosphatidylinositol 3-phosphate (PtdIns3P) through its FYVE-type zinc finger.[UniProtKB/Swiss-Prot Function]