

Product datasheet for **TP502421**

Rab39 (NM_175562) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RAB39, member RAS oncogene family (Rab39), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202421 representing NM_175562 Red =Cloning site Green =Tags(s)
	 METIWIYQFRLVIGDSTVVGKSCLLHRFTQGRFPLHSPACDPTVGVDFFSRLLEIEPGKRIKLQLWDTA GQERFRSITRSYYRNSVGGFLVFDITNRRSFEHVKDWLEEAKMHVQPFQIVLLVGHKCDLASQRQVSRE EAERLSTDCGMKYIETSAKDATNVEESFTILTRDIYELIKKGEICIQDGWEGVKSGFVPNTVHSSEEAVK PRKECFC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	25.4 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_780771
Locus ID:	270160
UniProt ID:	Q8BHD0 , Q0PD15
RefSeq Size:	2971



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Cytogenetics:	9 A5.3
RefSeq ORF:	651
Synonyms:	C230094F14Rik; Rab39a
Summary:	Plays a role in the maturation and acidification of phagosomes that engulf pathogens, such as S.aureus and M.tuberculosis. Plays a role in vesicular trafficking. Plays a role in the fusion of phagosomes with lysosomes. Negatively regulates LPS-induced autophagosome formation in macrophages possibly by implicating PI3K (By similarity). May be involved in multiple neurite formation (PubMed:23624502).[UniProtKB/Swiss-Prot Function]