

Product datasheet for TP502577

Rab32 (NM_026405) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RAB32, member RAS oncogene family (Rab32), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202577 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAGEGLGQQGASATAAPETREHLFKVLVIGELGVGKTSIIKRYVHQLFSQHYRATIGVDFALKVLNWDSR TLVRLQLWDIAGQERFGNMTRVYYKEALGAFVFDISRSSTFDVAVLKWKNLDSKVHLPNGSPIAVLLA NKCDQKKDNSQSPSQMDQFCKDHGFSGWFFETSAKDNINIDEATRFLVENMLANQQSFPSEEIDLDRIKLV EEPPTTKPRSQCC</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	25.1 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_080681
Locus ID:	67844
UniProt ID:	Q9CZE3
RefSeq Size:	2054



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Cytogenetics: 10 A1

RefSeq ORF: 672

Synonyms: 2810011A17Rik; AU022057

Summary: Acts as an A-kinase anchoring protein by binding to the type II regulatory subunit of protein kinase A and anchoring it to the mitochondrion. Also involved in synchronization of mitochondrial fission. Plays a role in the maturation of phagosomes that engulf pathogens, such as *S.aureus* and *Mycobacterium* (By similarity). Plays an important role in the control of melanin production and melanosome biogenesis (By similarity). In concert with RAB38, regulates the proper trafficking of melanogenic enzymes TYR, TYRP1 and DCT/TYRP2 to melanosomes in melanocytes (PubMed:26620560).[UniProtKB/Swiss-Prot Function]