

Product datasheet for **TP520587**

Rab34 (NM_033475) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RAB34, member RAS oncogene family (Rab34), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220587 representing NM_033475 Red =Cloning site Green =Tags(s)

MNILAPVRRDRVLAELPQCLKKEAALHVRKDFHPRVTCACQEHRGTGVGFKISKVIVVGDLSVGGTCLIN
RFCKDTFDKNYKATIGVDFEMERFEVLGVPFSLQLWDTAGQERFKCIASTYYRGAQAIIVFNLNDVASL
EHTKQWLTDALKENDPSNVLFLVGSKKDLSTPAQYSLMEKDALKVAQEIKAEYWAVSSLTGENVREFFF
RVAALTFEANVLAELEKSGARHIADVVRINSDDKNLYLTASKKKATCCP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	29.1 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_258436
Locus ID:	19376
UniProt ID:	Q64008 , Q0PD20
RefSeq Size:	1721



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Cytogenetics: 11 46.74 cM

RefSeq ORF: 777

Synonyms: AI326479; Narr; Rah; Rah1

Summary: Protein transport. Plays a role in the maturation of phagosomes that engulf pathogens, such as S.aureus and Mycobacterium. Plays a role in the fusion of phagosomes with lysosomes (By similarity). Involved in the redistribution of lysosomes to the peri-Golgi region (PubMed:12475955). Acts also as a positive regulator of hedgehog signaling and regulates ciliary function (PubMed:29290584).[UniProtKB/Swiss-Prot Function]