

Product datasheet for TP520205

Rabgap1l (NM_001038621) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RAB GTPase activating protein 1-like (Rabgap1l), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220205 representing NM_001038621 Red =Cloning site Green =Tags(s)

MEEGVPCPAPAAKLTPPVKKSQDMHDESKLVNEYACRVLELLGMGHRFLVPRLLATSKEDLLQADFEGA
LKFFRVQLPKRYAEENARRLMEQACNIKVPTKLLKKEYKEYQAMRENQLQQEDPMDRYKRENRRLQEAS
MRLEQENDDLAHELVTSKIALRNDLDAQEDKADVLNKELLFTKQRLVETEEERKQEEETAQLKEVFRKQ
LEKAEYEIKKTTAIIAEYKQICSQSTRLEKQQAASKEELEAVKGGKMMACKHCSDIFSKEGALKPVAVNR
EDQGLEADDEKDSLKKQLREMELELAQTKLQLVEAKCKIQELEHQRGALMNEIQAAKNSWFSKTLNSIKT
ATGTQPLQPPQAPQPPKEST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	43.2 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_001033710
Locus ID:	29809
UniProt ID:	A6H6A9



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RefSeq Size:	6338
Cytogenetics:	1 H2.1
RefSeq ORF:	1110
Synonyms:	5830411O09Rik; 8430421H08Rik; 9630005B12Rik; AW049894; Hh1; HHL; mKIAA0471
Summary:	GTP-hydrolysis activating protein (GAP) for small GTPase RAB22A, converting active RAB22A-GTP to the inactive form RAB22A-GDP (By similarity). Plays a role in endocytosis and intracellular protein transport. Recruited by ANK2 to phosphatidylinositol 3-phosphate (PI3P)-positive early endosomes, where it inactivates RAB22A, and promotes polarized trafficking to the leading edge of the migrating cells. Part of the ANK2/RABGAP1L complex which is required for the polarized recycling of fibronectin receptor ITGA5 ITGB1 to the plasma membrane that enables continuous directional cell migration (PubMed:27718357).[UniProtKB/Swiss-Prot Function]