

## Product datasheet for TP511377

### Rab3gap1 (NM\_178690) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RAB3 GTPase activating protein subunit 1 (Rab3gap1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211377 representing NM_178690 Red=Cloning site Green=Tags(s)

MAADSEPESEVFEITDFTTASEWERFISKVEEVLNDWKLIGPSLGKPLEKGIFTSWTWEERSDEISFADF  
RFSVTHHYLVQESPKERKDEELED AIPQSMQDLLCMNNDFPPRAHCLVRWYGLREFVVIAPAAHSDAVL  
SESKCNLLSSISIALGNTGCQVPLFVQIHHKWRMYMGECQGPVRTDFEMVHLRKVPSQYTHLSGLLD  
IFKSKIGCPLTLPVPSIAIRLTYVLQDWQYFWPQQPPDIDALVGGVEVGGLEFGKLPFGACEDPISELH  
LATTWPHLTEGIIVDNDVYSDLDPVQAPHWSVRVRKADNPQCLLDGDFVTEFLKICRRKESTDEILGRSTF  
EEEGREVADITHALSKLTEPAPVPIHKLSVSNMVHTAKKKIRKHRGEESPLNSDVLNTILLFLFPDAVSE  
KPLDGTTSIDNSIPAPEAGDYTLYNQFKSAPSDSLTYKLALCLCMINFYHGGLKGV AHLWQEFVLEMRFR  
WENNFLIPLGLASGSPDLRCCLLHQKLQMLNCCIERKKARDEGKKTSLSDSTTSAYPGDAGKTGGQLGLDH  
LRDTEKEKGEVGSWDSWSDSEEEFECLSDTEDLKGNGQESGKGGPKEMANLKPEGRLHQHGKLLTHH  
NGEPLYIPVTQEPAPMTEDLLEEQSEVLAKLGTS AEGAHLRARMQSACLLSDMESFKAANPGCFLEDFVR  
WYSPRDYIEEEVTDEKGNVVLKGELSARMKIPSNMWW EAWETAKVPARRQRRFLDFTREAEKVLHYLAM  
QKPADLARHLLPCVIHAAVLKVKEEESLENIPSVKIIKQIIAHSSKVLHFPNPEDKKLEEIILQITTV E  
AIIARARSLKAKFGTEKCEHEEEKEGLERFVSCLEEQPEVSVTGAGRGHAGRIIHKLFVNAQRAAAVALP  
EEELKKSGCPEERRQTLVSDFPFPAGRELILRATVPRPAPYSKALPQRMYSVLTKEDFRLAGAFSSDTSF  
F

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	110.6 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



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_848805</a>
<b>Locus ID:</b>	226407
<b>UniProt ID:</b>	<a href="#">Q80UJ7</a>
<b>RefSeq Size:</b>	4251
<b>Cytogenetics:</b>	1 E3
<b>RefSeq ORF:</b>	2943
<b>Synonyms:</b>	1700003B17Rik; 4732493F09Rik; AL117896; p130; Rab3gap
<b>Summary:</b>	Probable catalytic subunit of a GTPase activating protein that has specificity for Rab3 subfamily (RAB3A, RAB3B, RAB3C and RAB3D). Rab3 proteins are involved in regulated exocytosis of neurotransmitters and hormones. Specifically converts active Rab3-GTP to the inactive form Rab3-GDP. Required for normal eye and brain development. May participate in neurodevelopmental processes such as proliferation, migration and differentiation before synapse formation, and non-synaptic vesicular release of neurotransmitters (By similarity). [UniProtKB/Swiss-Prot Function]