

Product datasheet for **TP330602M**

RAB3GAP1 (NM_001172435) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human RAB3 GTPase activating protein subunit 1 (catalytic) (RAB3GAP1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC230602 representing NM_001172435 Red =Cloning site Green =Tags(s)

MAADSEPESEVFEITDFTTASEWERFISKVEEVLNDWKLIGNSLGKPLEKGIFTSWTWEEKSDEISFADF
KFSVTHHYLVQESTDKEGKDELLEDVWPQSMQDLLGMNNDFPRAHCLVRWYGLREFVVIAPAAHSDAVL
SESKCNLLSSVSIALGNTGCQVPLFVQIHHKWRMYVGECCQGPVRTDFEMVHLRKPVPNQYTHLSGLLD
IFKSKIGCPLTLPVPSIAIRFTYVLQDWQQYFWPQQPPDIDALVGGVEVGGLEFGKLPFGACEDPISELH
LATTWPHLTEGIIVDNDVYSDLDPIQAPHWSVRVRKAENPQCLLGDFVTEFFKICRRKESTDEILGRSAF
EEEGKETADITHALSKLTEPASVPIHKLSVSNMVHTAKKKIRKHRGVEESPLNNDVLTILLFLFPDAVS
EKPLDGTSTDNPPSESEDYNLYNQFKSAPSDSLTYKLALCLCMINFYHGGLKGVVAHLWQEFVLEMRF
RWENNFLIPGLASGPPDLRCCLLHQKLQMLNCCIERKKARDEGKKTASDVNTIYPGDAGKAGDQLVDPDN
LKETDKEKGEVGSWDSWSDSEEEFFECLSDTEELKGNQESGKGGPKEMANLRPEGRLYQHGLKLLH
NGEPLYIPVTQEPAPMTEDLLEEQSEVLAKLGTSAEGAHLRARMQSACLLSDMESFKAANPGCSLEDFVR
WYSPRDYIEEVIDEKGNVVLKGELSARMKIPSNMWVEAWETAKPIPARRQRRLFDDTREAQVLYLHAI
QKPADLARHLLPCVIHA AVLKVKEEESLENISSVKKIHKIISHSSKVLHFPNPEDKKLEEIIHQITNVE
ALIARARSLKAKFGTEKCEQEEKEDLERFVSCLEQPEVLVTGAGRGHAGRIIHKLFVNAQRLTESSDE
AAAMTPPEEELKRMGSPEERRQNSVDFPPPAGREFILRTTVPRPAPYSKALPQRMYSVLTKEDFRLAGA
FSSDTSFF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

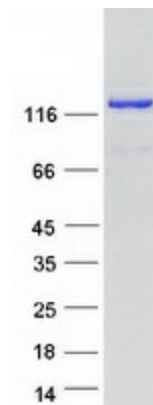
Tag:	C-Myc/DDK
Predicted MW:	111.7
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	NULL or Add: Recombinant proteins was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_001165906
Locus ID:	22930
UniProt ID:	Q15042
Cytogenetics:	2q21.3
RefSeq ORF:	2964
Synonyms:	P130; RAB3GAP; RAB3GAP130; WARBM1
Summary:	This gene encodes the catalytic subunit of a Rab GTPase activating protein. The encoded protein forms a heterodimer with a non-catalytic subunit to specifically regulate the activity of members of the Rab3 subfamily of small G proteins. This protein mediates the hydrolysis of GTP bound Rab3 to the GDP bound form. Mutations in this gene are associated with Warburg micro syndrome. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Feb 2010]

Product images:



Coomassie blue staining of purified RAB3GAP1 protein (Cat# [TP330602]). The protein was produced from HEK293T cells transfected with RAB3GAP1 cDNA clone (Cat# [RC230602]) using MegaTran 2.0 (Cat# [TT210002]).