

Product datasheet for TP330602

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, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC230602 representing NM_001172435 Red=Cloning site Green=Tags(s) |

MAADSEPESEVFEITDFTTASEWERFISKVEEVLNDWKLIGNSLGKPLEKGIFTSWTWEEKSDEISFADF
KFSVTHHYLVQESTDKEGKDELLEDVWPQSMQDLLGMNNDFPRAHCLVRWYGLREFVVIAPAAHSDAVL
SESKCNLLSSVSIALGNTGCQVPLFVQIHHKWRMYVGECCQGPVRTDFEMVHLRKPVNQYTHLSGLLD
IFKSKIGCPLTPLPPVSIARFTYVLQDWQQYFWPQQPPDIDALVGGVEVGGLEFGKLPFGACEDPISELH
LATTWPHLTEGIIVDNDVYSDLDPIQAPHWSVRVRKAENPQCLLGDFVTEFFKICRRKESTDEILGRSAF
EEEGKETADITHALSKLTEPASVPIHKLSVSNMVHTAKKKIRKHRGVEESPLNNDVLTILLFLFPDAVS
EKPLDGTSTDNPPSESEDYNLYNQFKSAPSDSLTYKALCLCMINFYHGGLKGVVAHLWQEFVLEMRF
RWENNFLIPGLASGPPDLRCCLLHQKLQMLNCCIERKKARDEGKKTASDVNTIYPGDAGKAGDQLVDPDN
LKETDKEKGEVGSWDSWSDSEEEFFECLSDTEELKGNQESGKGGPKEMANLRPEGRLYQHGLKLLH
NGEPLYIPVTQEPAPMTEDLLEEQSEVLAKLGTSAEGAHLRARMQSACLLSDMESFKAANPGCSLEDFVR
WYSPRDYIEEVIDEKGNVVLKGELSARMKIPSNMWVEAWETAKPIPARRQRRLFDDTREAQVLYLAI
QKPADLARHLLPCVIHA AVLKVKEEESLENISSVKKIQQIISHSSKVLHFPNPEDKKLEEIIHQITNVE
ALIARARSLKAKFGTEKCEQEEKEDLERFVSCLEQPEVLVTGAGRGHAGRIIHKLFVNAQRLTESSDE
AAAMTPPEEELKRMGSPEERRQNSVDFPPPAGREFILRTTVPRPAPYSKALPQRMYSVLTKEDFRLAGA
FSSDTSFF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

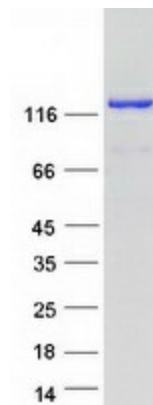
| | |
|----------------|---|
| Tag: | C-Myc/DDK |
| Predicted MW: | 111.7 |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |



[View online »](#)

| | |
|----------------------|---|
| 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]).