

Product datasheet for **TP310830M**

Rho GTPase activating protein 29 (ARHGAP29) (NM_004815) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human Rho GTPase activating protein 29 (ARHGAP29), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC210830 protein sequence
Red=Cloning site **Green**=Tags(s)

MIAHKQKKTKKKRAWASGQLSTDITTSEMGLKSLSSNSIFDPDYIKELVNDIRKFSHMLLYLKEAIFSDC
FKEVIHIRLEELLRLVLSIMNKHQNLNSVDLQNAAEMLTAKVKAVNFTEVNEENKNDLFQEVFSSIETLA
FTFGNILTNFLMGDVGNDLSLLRLPVSRETKSFENVSVESVDSSEKGNFSPLELDNVLLKNTDSIELALS
YAKTWSKYTKNIVSWVEKKLNLELESTRNMVKLAEATRTNIGIQEFMPLQSLFTNALLNDIESSHLLQQT
IAALQANKFVQPLLGRKNEMEKQRKEIKELWKQEQNKMLEAENALKKAKLLCMQRQDEYEKAKSSMFRA
E
EEHLSSSGGLAKNLNKQLEKKRRLEEEALQKVEEANELYKVCVTNVEERRNDLENTKREILAQLRTL VFQ
CDLTLKAVTVNLFHMQHLQAASLADSLQSLCDSAKLYDPGQEYSEFVKATNSTEEEEKVDGNVNKHLNSS
Q
PSGFGPANSLEDVVRPLDSSNKIEEDRCSNSADITGPSFIRSWTFGMFSDSESTGGSSSESRLDSESISP
GDFHRKLRPTSSGTMSADDLDEREPPSPSETGPNLSLGTFFKTLMSKAALHTKFRKLRSPTKCRDCEGI
VVFQGVCEEECLLVCHRKCLENLVIICGHQKLPKGIHLFGAEFTQVAKKEPDGIPFILKICASEIENRAL
CLQGIYRVCNGNIKTEKLCQALENGMHLVDISEFSSHDCDVLKLYLRQLPEPFILFRLYKEFIDLAKEI
QHVNEEQETKKNLEDKKWPNMCIEINRILLKSKDLLRQLPASNFNSLHFLIVHLKRVVDHAEENKMNSK
NLGVIFGPSLIRPRPTTAPITISSLAEYSNQARLVEFLITYSQKIFDGSQLPQDVMCSIGVVDQGCFFPKP
LLSPEERDIERSMKSLFFSSKEDIHTSESESKIFERATSFEESERKQNALGKCDACLSDKAQLLLDQAE
SASQKIEDGKTPKPLSLKSDRSTNNVERHTPRTKIRPVSLPVDRLLLASPPNERNGRNMGNVNLDFCKN
PAFEGVNRKDAATTVCSEKFNQFDQQTQKIQDKQYEQNSLTAKTTMIMPSALQEKGVTTSLQISGDHSIN
ATQPSKPYPVRSVREASERRSSDSYPLAPVRAPRTLQPHWTTFYKPHAPIISIRGNEEKPASPSAAV
PPGTDHDPHGLVVKSMPPDPKASACPGQATGQPKEDSEELGLPDVNPMCQRPLKRMQQFEDLEDEIP
QF
V

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

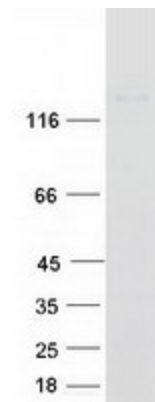
Tag: C-Myc/DDK



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Predicted MW:	141.9 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
Preparation:	Recombinant protein 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_004806
Locus ID:	9411
UniProt ID:	Q52LW3
RefSeq Size:	9121
Cytogenetics:	1p22.1
RefSeq ORF:	3783
Synonyms:	PARG1
Summary:	Rap1 is a small GTPase that, through effectors, regulates Rho GTPase signaling. These effectors- Rasip1, Radil, and the protein encoded by this gene- translocate to the cell membrane, where they form a multiprotein complex. This complex is necessary for Rap1-induced inhibition of Rho signaling. Defects in this gene may be a cause of nonsyndromic cleft lip with or without cleft palate. [provided by RefSeq, Jun 2016]

Product images:



Coomassie blue staining of purified ARHGAP29 protein (Cat# [TP310830]). The protein was produced from HEK293T cells transfected with ARHGAP29 cDNA clone (Cat# [RC210830]) using MegaTran 2.0 (Cat# [TT210002]).