

Product datasheet for TP310830

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), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA >RC210830 protein sequence
Clone or AA Sequence: Red=Cloning site Green=Tags(s)

MIAHKQKKTKKKRAWASGQLSTDITSEMGLKSLSSNSIFDPDYIKELVNDIRKFSHMLLYLKEAIFSDC
 FKEVIHIRLEELLRVLKSIMNKHQNLNSVDLQNAEAEMLTAKVKAVNFTEVNEENKNDLFQEVFSSIETLA
 FTFGNILTNFLMGDVGNDLSLLRPLVSRKTSFENVSVESVDSSEKGNFSPLELDNVLLKNTDSIELALS
 YAKTWSKYTKNIVSWVEKLNLELESTRNMVKLAEARTNIGIQEFMPLQSLFTNALLNDIESSHLLQQT
 IAALQANKFVQPLLGRKNEMEKQRKEIKELWKQEQNKMLEAENALKKAKLLCMQRQDEYEKAKSSMFRAE
 EEHLSSSGGLAKNLNKQLEKKRRLEEEALQKVEEANELYKVCVTNVEERRNDLENTKREILAQLRTLQVQ
 CDLTLKAVTVNLFHMQHLQAASLADSLQSLCDSAKEYDPGQYSEYFVKATNSTEEEKVDGNVNHKLNSSQ
 PSGFGPANSLEDVVRPLDSSNKIEEDRCSNSADITGPSFIRSWTFGMFSDSESTGGSSERSLSDSEISIP
 GDFHRKLRPTSSGTMSSADDLDEREPPSPSETGPNLSLGTFFKTLMSKAALHFKRKLRSPTKCRDCEGI
 VVFGVECEECLLVCHRKLENLVIIICGHQKLPKGIHLFGAEFTQVAKKEPDGIPFILKICASEIENRAL
 CLQGIYRVCNKKIKTEKLCQALENGMHLVDISEFSSHDCVLLKLYLRQLPEPFILFRLYKEFIDLAKEI
 QHVNEEQETKKNLEDKWPNMCIENRILLKSKDLLRQLPASNFNSLHFLIVHLKRVVDHAEENKMNSK
 NLGVIFGPSLIRPRPTTAPITISSLAEYSNQARLVEFLITYSQKIFDGSLLQPDVDMCSIGVVDQGCFFPKP
 LLSPEERDIERSMKSLFFSSKEDIHTSESESKIFERATSFEESEKQNALGKCDACLSDKAQLLLDQEA
 SASQKIEDGKTPKPLSLKSDRSTNNVERHTPRTKIRPVSLPVDRLLLASPPNERNGRNMGNVNLDFCKN
 PAFEGVNRKDAATTVCSEKFNQFDQQLQKIQDKQYEQNSLTAKTTMIMPALQEKGVTTSLQISGDHSIN
 ATQPSKPYAEPVRSVREASERRSSDSYPLAPVRAPRTLQPQHWTTFYKPHAPIISIRGNEEKPASPSAAV
 PPGTDHDPHGLVVKSMPPDPKASACPGQATGQPKEDSEELGLPDVNPMPQRPRLLKRMQQFEDLEDEIPQF
 V

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

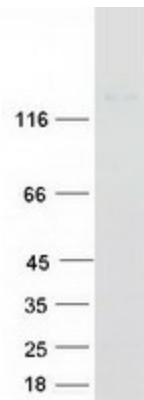
Tag: C-Myc/DDK
Predicted MW: 141.9 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method



[View online »](#)

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:	<u>NP_004806</u>
Locus ID:	9411
UniProt ID:	<u>Q52LW3</u>
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]).