

## Product datasheet for TP310830L

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

MIAHKQKKTKKKRAWASGQLSTDITTSEMGLKSLSSNSIFDPDYIKELVNDIRKFSHMLLYLKEAIFSDC  
 FKEVIHIRLEELLRVLKSIMNKHQNLNSVDLQNAEAEMLTAKVKAVNFTEVNEENKNDLFQEVFSSIETLA  
 FTFGNILTNFLMGDVGNDLSLLRPLVSRKTSFENVSVESVDSSEKGNFSPLELDNVLLKNTDSIELALS  
 YAKTWSKYTKNIVSWVEKLNLELESTRNMVKLAEARTNIGIQEFMPLQSLFTNALLNDIESSHLLQQT  
 IAALQANKFVQPLLGRKNEMEKQRKEIKELWKQEQNKMLEAENALKKAKLLCMQRQDEYEKAKSSMFRAE  
 EEHLSSSGGLAKNLNKQLEKKRRLEEEALQKVEEANELYKVCVTNVEERRNDLENTKREILAQLRTLQVQ  
 CDLTLKAVTVNLFHMQHLQAASLADSLQSLCDSAKEYDPGQYSEYFVKATNSTEEEEKVDGNVNHKLNSSQ  
 PSGFGPANSLEDVVRPLDSSNKIEEDRCSNSADITGPSFIRSWTFGMFSDSESTGGSSERSLDSEISIP  
 GDFHRKLRPTSSGTMSSADDLDEREPPSPSETGPNLSLGTFFKTLMSKAALTHKFRKLRSPTKCRDCEGI  
 VVFGVECEECLLVCHRKLENLVIIICGHQKLPKGIHLFGAEFTQVAKKEPDGIPFILKICASEIENRAL  
 CLQGIYRVCNKKIKTEKLCQALENGMHLVDISEFSSHDCVLLKLYLRQLPEPFILFRLYKEFIDLAKEI  
 QHVNEEQETKKSLEDDKWPNMCIENRILLKSKDLLRQLPASNFNSLHFLIVHLKRVVDHAEENKMNSK  
 NLGVIFGPSLIRPRPTTAPITISSLAEYSNQARLVEFLITYSQKIFDGSLLQPDVDMCSIGVVDQGCFFPKP  
 LLSPEERDIERSMKSLFFSSKEDIHTSESESKIFERATSFEESEKQNALGKCDACLSDKAQLLLDQEA  
 SASQKIEDGKTPKPLSLKSDRSTNNVERHTPRTKIRPVSLPVDRLLLASPPNERNGRNMGNVNLDFCKN  
 PAFEGVNRKDAATTVCSEKFNQFDQQTQKIQDKQYEQNSLTAKTMMIMPALQEKGVTTSLQISGDHSIN  
 ATQPSKPYAEPVRSVREASERRSSDSYPLAPVRAPRTLQPQHWTTFFYPHAPIISIRGNEEKPASPSAAV  
 PPGTDHDPHGLVVKSMPPDPKASACPGQATGQPKEDSEELGLPDVNPMPQRPRLLKRMQGFEDLEDEIPQF  
 V

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

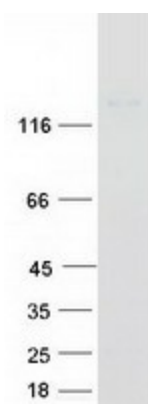
**Tag:** C-Myc/DDK  
**Predicted MW:** 141.9 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method



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<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<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.
<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>	<u>NP_004806</u>
<b>Locus ID:</b>	9411
<b>UniProt ID:</b>	<u>Q52LW3</u>
<b>RefSeq Size:</b>	9121
<b>Cytogenetics:</b>	1p22.1
<b>RefSeq ORF:</b>	3783
<b>Synonyms:</b>	PARG1
<b>Summary:</b>	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]).