

## Recombinant Human ARHGAP29 Protein, MYC/DDK-tagged, C13 and N15-labeled

**Cat. No.** ARHGAP29-194H **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	ARHGAP29 MS Standard C13 and N15-labeled recombinant protein (NP_004806) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</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]
<b>Molecular Mass</b>	142.1 kDa
<b>AA Sequence</b>	MIAHKQKKTKKKRAWASGQLSTDITTSEMGLKSLSSNSIFDPDYIKELVNDIRKFSHM LLYLKEAIFSDCFKEVIHIRLEELLRVLKSIMNKHQNLNSVDLQNAAEMLTAKVKAVNF TEVNEENKNDLFQEVFSSIETLAFTFGNILTNFLMGDVGNDLLRPLVPSRETKSFENV SVESVDSSSEKGNFSPLELDNVLLKNTDSIELALS YAKTWSKYTKNIVSWVEKKNLE LESTRNMVKLAEATR TNIGIQEFMPLQSLFTNALLNDIESSHLLQQTIAALQANKFVQP LLGRKNEMEKQRKEIKELWKQEQNKMLEAENALKKAKLLCMQRQDEYEKAKSSMF RAEEHLSSSGGLAKNLNKQLEKKRRLEEEALQKVEEANELYKVCVTNVEERRNDL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ENTKREILAQRLTLVFQCDLTLKAVTVNLFHMQHLQAASLADSLQSLCDSAKLYDPG  
 QEYSEFVKATNSTEEKVDGNVNKHLNSSQPSGFGPANSLLEDVVRLPDSSNKIEED  
 RCSNSADITGPSFIRSWTFGMFSDSESTGGSSSESRLDSEISISPGDFHRKLPRT PSS  
 GTMSSADDLDEREPPSPSETGPNSLGTFFKTLMSKAALTHKFRKLRSP TKCRDCEG  
 IVVFQGVCEEECLLVCHRKLENLVIICGHQKLPGKIHLFGAEFTQVAKKEPDGIPFIL  
 KICASEIENRALCLQGIYRVCGNKIKTEKLCQALENGMHLVDISEFSSH DICDVLKLYL  
 RQLPEPFILFRLYKEFIDLAKEIQHVNEEQETKKN SLEDKKWPNMCIEINRILLKSKDLL  
 RQLPASNFNSLHFLIVHLKRVVDHAEENKMNSKNLGVIFGPSLIRPRPTTAPITISSLA  
 EYSNQARLVEFLITYSQKIFDGSLQPQDVMCSIGVVDQGC FPKPLLSPEERDIERSM  
 KSLFFSSKEDIHTSESESKIFERATSFEE SERKQNALGKCDACLSDKAQLLLDQEAES  
 ASQKIEDGKTPKPLSLKSDRSTNNVERHTPRTKIRPVSLPVD RLLLASPPNERNGRN  
 MGNVNLDFCKNPAFEGVNRKDAATTVC SKFNGFDQQT LQKIQDKQYEQNSLTAKT  
 TMIMPSALQEKGVTTSLQISGDHSINATQPSKPYAEPVRSVREASERRSSDSYPLAP  
 VRAPRTLQPQHWTTFYKPHAPIISIRGNEEK PASPSAAVPPGTDHDPHGLLVKSMPD  
 PDKASACPGQATGQPKEDSEELGLPDVNPMCQRPR LKRMQQFEDLEDEIPQFVTR  
 TRPLEQKLISEEDLAANDILDYKDDDDKV

<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Gene Name</b>	ARHGAP29 Rho GTPase activating protein 29 [ Homo sapiens (human) ]
<b>Official Symbol</b>	ARHGAP29
<b>Synonyms</b>	ARHGAP29; Rho GTPase activating protein 29; rho GTPase-activating protein 29; PARG1; PTPL1-associated RhoGAP 1 (PARG1); PTPL1-associated RhoGAP protein 1; rho-type GTPase-activating protein 29; RP11-255E17.1;
<b>Gene ID</b>	9411
<b>mRNA Refseq</b>	NM_004815
<b>Protein Refseq</b>	NP_004806
<b>MIM</b>	610496
<b>UniProt ID</b>	Q52LW3

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA