

Recombinant Human ARHGAP9 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ARHGAP9-1517H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ARHGAP9 MS Standard C13 and N15-labeled recombinant protein (NP_001073625) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the Rho-GAP family of GTPase activating proteins. The protein has substantial GAP activity towards several Rho-family GTPases in vitro, converting them to an inactive GDP-bound state. It is implicated in regulating adhesion of hematopoietic cells to the extracellular matrix. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	61 kDa
AA Sequence	MSEPPVYCNLVDLRRCPRSPPPGPACPLLQRLDAWEQHLDPNSGRCFYINSLTGCK SWKPPRRSRSETNPGSMEGTQTLKRNDVLQPQAKGFRSDTGTPEPLDPQGSLSL SQRTSQLDPPALQAPRPLPQLLDDPHEVEKSGLLNMTKIAQGGRKLRKNWGPSWV VLTGNSLVFYREPPPTAPSSGWGPAGSRPESSVDLRGAALAHGRHLSSRRNVLHIR TIPGHEFLLQSDHETELRAWHRALRTVIERLDRENPLELRLSGSGPAELSAGEDEEE ESELVSKPLLRLSSRRSSIRGPEGTEQNRVRNKLKRLIAKRPLQSLQERGLLRDQV FGCQLES LCQREGDTVPSFLRLCIAAVDKRGLDVGDIYRVSGNLAVVQKLRFVLDRE RAVTSDGRYVFPEQPGQEGRDLDDSTEWDDIHVVTGALKLFLREL PQPLVPPLLLPH

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FRAALALSESEQCLSQIQELIGSMPKPNHDTLRYLLEHLRCRVIAHSDKNRMTPHNLGI
VFGPTLFRPEQETSDPAAHALYPGQLVQLMLTNFTSLFPTRTRPLEQKLISEEDLAAN
DILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ARHGAP9 rho-gtpase activating protein ARHGAP9 [Homo sapiens (human)]

Official Symbol ARHGAP9

Synonyms ARHGAP9; rho-gtpase activating protein ARHGAP9; 10C; MGC1295;

Gene ID 64333

mRNA Refseq NM_001080156

Protein Refseq NP_001073625

MIM 610576

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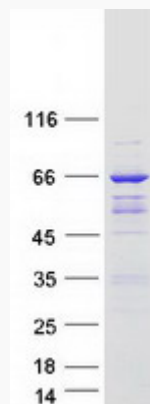
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UniProt ID

Q9BRR9

SDS-PAGE

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