

Recombinant Full Length Human ARHGAP9 Protein, GST-tagged

Cat. No. ARHGAP9-1269HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARHGAP9 full-length ORF (AAH06107.1, 1 a.a. - 750 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	750 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	109.7 kDa
AA Sequence	MLSSRWWPSS WGILGLGPRS PPRGSQLCAL YAFTYTGADG QQVSLAEGDR FLLLRKTNSD WWLARRLEAP STSRPIFVPA AYMIEESIPS QSPTTVIPGQ LLWTPGPKLF HGSLEELSQA LPSRAQASSE QPPPLPRKMC RSVSTDNLSP SFLKPFQEGP SGRSLSQEDL PSEASASTAG PQPLMSEPPV YCNLVDLRRC PRSPPPGPAC PLLQRLDAWE QHLDPNSGRC FYINSLTGCK SWKPPRRSRS ETNPGSMEGT QTLKRNDVL QPQAKGFRSD TGTPEPLDPQ GSLSLSQRTS

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QLDPPALQAP RPLPQLLDDP HEVEKSGLLN MTKIAQGGRK LRKNWGPSWV
 VLTGNSLVFY REPPPTAPSS GWGPAGSRPE SSVDLRGAAL AHGRHLSSRR
 NVLHIRTIPG HEFLLQSDHE TELRAWHRAL RTVIERLVRW VEARREAPTG
 RDQGSGDREN PLELRLSGSG PAELSAGEDE EEESELVSKP LLRLSSRRSS
 IRGPEGTEQN RVRNKLKRLI AKRPPLQSLQ ERGLLRDQVF GCQLESLCQR
 EGDTPVSFLR LCIAAVDKRG LDVDGIYRVS GNLAVVQKLR FLVDRERAVT
 SDGRYVFPEQ PGQEGRLDLD STEWDDIHVV TGALKLFLRE LPQPLVPPLL
 LPHFRAALAL SESEQCLSQI QELIGSMPKP NHDTLRYLLE HLCRVIAHSD
 KNRMTPHNLG IVFGPTLFRP EQETSDPAAH ALYPGQLVQL MLTNFTSLFP

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

ARHGAP9 Rho GTPase activating protein 9 [Homo sapiens (human)]

Official Symbol

ARHGAP9

Synonyms

ARHGAP9; Rho GTPase activating protein 9; 10C; RGL1; rho GTPase-activating protein 9; rho-type GTPase-activating protein 9

Gene ID

64333

mRNA Refseq

NM_001080156

Protein Refseq

NP_001073625

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MIM	610576
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UniProt ID	Q9BRR9
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