

Recombinant Full Length Human ARHGAP22 Protein, GST-tagged

Cat. No. ARHGAP22-1263HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARHGAP22 full-length ORF (ADR83111.1, 1 a.a. - 714 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	714 amino acids
Description	This gene encodes a member of the GTPase activating protein family which activates a GTPase belonging to the RAS superfamily of small GTP-binding proteins. The encoded protein is insulin-responsive, is dependent on the kinase Akt and requires the Akt-dependent 14-3-3 binding protein which binds sequentially to two serine residues. The result of these interactions is regulation of cell motility. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]
Molecular Mass	78.6 kDa
AA Sequence	MLSPKIRQAR RARSKSLVMG EQSRSPGRMP CPHRLGPVLK AGWLKKQRSI MKNWQQRWFV LRGDQLFYK DKDEIKPQGF ISLQGTQVTE LPPGPEDPGK HLFEISPGGA GEREKVPANP EALLLMASQ RDMEDWVQAI RRVIWAPLGG GTARRSHAHP LEPLPPGIFG QRLEETVHHE RKYGPRLAPL LVEQCVDFIR ERGLTEEGLF RMPGQANLVR DLQDSFDCGE KPLFDSTTDV HTVASLLKLY

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

LRELPEPVVP FARYEDFLSC AQLLTKDEGE GTLELAKQVS NLPQANYNLL
 RYICKFLDEV QAYSNVNKMS VQNLATVFGP NILRPQVEDP VTIMEGTSLV
 QHLMTVLIRK HSQFLTAPVP EGPTSPRGGL QCAVGWGSEE VTRDSQGEPG
 GPGLPAHRTS SLDGA AVAVL SRTAPTGP GS RCSPGKKVQT LPSWKSSFRQ
 PRSLSGSPKG GGSSLEVPII SSGGNWLMNG LSSLRGHRRRA SSGDRLKDSG
 SVQRLSTYDN VPAPGLVPGI PSVASMWSG ASSESSVGG SLSSCTACRA
 SDSSARSSLH TDWALEPSPL PSSSEDPKSL DLDHSMDEAG AGASNSEPSE
 PDSPTREHAR RSEALQGLVT ELRAELCRQR TEYERSVKRI EEGSADLRKR
 MSRLEEELDQ EKKKYIMLEI KLRNSERARE DAERRNQLLQ REMEEFFSTL
 GSLTVGAKGA RAPK

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

ARHGAP22 Rho GTPase activating protein 22 [Homo sapiens]

Official Symbol

ARHGAP22

Synonyms

ARHGAP22; Rho GTPase activating protein 22; rho GTPase-activating protein 22;
 RhoGAP2; rho-type GTPase-activating protein 22; RhoGap22

Gene ID

58504

mRNA Refseq

NM_001256024

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Protein Refseq	NP_001242953
MIM	610585
UniProt ID	Q7Z5H3

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