

Recombinant Full Length Human ARHGAP12 Protein, GST-tagged

Cat. No. ARHGAP12-1509HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARHGAP12 full-length ORF (AAH94719.1, 1 a.a. - 841 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	841 amino acids
Description	This gene encodes a member of a large family of proteins that activate Rho-type guanosine triphosphate (GTP) metabolizing enzymes. The encoded protein may be involved in suppressing tumor formation by regulating cell invasion and adhesion. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]
Molecular Mass	122.2 kDa
AA Sequence	MKMADRSGKI IPGQVYIEVE YDYEYEAKDR KIVIKQGERY ILVKKTNDDW WQVKPDENSK AFYVPAQYVK EVTRKALMPP VKQVAGLPNN STKIMQSLHL QRSTENVNKL PELSSFGKPS SSVQGTGLIR DANQNFGPSY NQGQTVNLSL DLTHNNGKFN NDSHSPKVSS QNRTRSGHF PGPEFLDVEK TSFSQEQSCD SAGEGSERIH QDSESGDELS SSSTEQIRAT TPPNQGRPDS PVYANLQELK ISQSALPPLP GSPAQINGE WETHKDSSGR CYYYNRGTQE RTWKPPRWTR DASISKGDFQ NPGDQELLSS EENYYSTSYS QSDSQCGSPP RGWSEELDER

 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

GHTLYTSDYT NEKWLKHVDD QGRQYYYSAD GSRSEWELPK YNASSQQQRE
 IIKSRSLDRR LQEPIVLTKW RHSTIVLDTN DKESPTASKP CFPENESSPS
 SPKHQDTDQE KYGLLNVTKI AENGKKVRKN WLSSWAVLQG SLLFTKTQG
 SSTSDFGSNQ SKPEFTVDLK GATIEMASKD KSSKKNVFEL KTRQGTELLI
 QSDNDTVIND WFKVLSSTIN NQAVETDEGI EEEIPDSPGI EKHDKEKEQK
 DPKKLRSEFKV SSIDSSEQKK TKNLKKFLT RRPTLQAVRE KGYIKDQVFG
 SNLANLCQRE NGTVPKFVKL CIEHVEEHGL DIDGIYRVSG NLAVIQKLRF
 AVNHDEKLDL NDSKWEDIHV ITGALKMFFR ELPEPLFTFN HFNDFVNAIK
 QEPRQRVAHV KDLIRQLPKP NQDTMQILFR HLRRVIENGE KNRMTYQSIA
 IVFGPTLLKP EKETGNIAVH TVYQNIQVEL ILLELSSIFG R

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

[ARHGAP12 Rho GTPase activating protein 12 \[Homo sapiens \]](#)

Official Symbol

[ARHGAP12](#)

Synonyms

ARHGAP12; Rho GTPase activating protein 12; rho GTPase-activating protein 12;
 FLJ10971; FLJ20737; FLJ21785; rho-type GTPase-activating protein 12; FLJ45709;
 DKFZp779N2050

Gene ID

[94134](#)

mRNA Refseq

[NM_018287](#)

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Protein Refseq NP_060757

MIM 610577

UniProt ID Q8IWW6

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