

Recombinant Full Length Human ARHGAP24 Protein, GST-tagged

Cat. No. ARHGAP24-1460HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARHGAP24 full-length ORF (NP_001036134.1, 1 a.a. - 653 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	653 amino acids
Description	This gene encodes a Rho-GTPase activating protein, which is specific for the small GTPase family member Rac. Binding of the encoded protein by filamin A targets it to sites of membrane protrusion, where it antagonizes Rac. This results in suppression of lamellae formation and promotion of retraction to regulate cell polarity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016]
Molecular Mass	99.7 kDa
AA Sequence	MTANHESYLL MASTQNDMED WVKSIRRVIV GPFGGGIFGQ KLEDTVRYEK RYGNRLAPML VEQCVDFIRQ RGLKEEGLFR LPGQANLVKE LQDAFDCGEK PSFDSNTDVH TVASLLKLYL RELPEPVIPY AKYEDFLSCA KLLSKEEEAG VKELAKQVKS LPVVNYNLLK YICRFLDEVQ SYSGVNMKMSV QNLATVFGPN ILRPKVEDPL TIMEGTVVVQ QLMSVMISKH DCLFPKDAEL QSKPQDGVSN NNEIQKKATM GQLQNKENNN TKDPSRQCS WDKSESPQRS SMNNGSPTAL SGSKTNSPKN SVHKLDVSRS PPLMVKKNPA FNKGSGIVTN GSFSSSNAEG

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LEKTQTPNG SLQARRSSSL KVSGTKMGTH SVQNGTVRMG ILNSDTLGNP
 TNVRNMSWLP NGYVTLRDNK QKEQAGELGQ HNRLSTYDNV HQQFSMMNLD
 DKQSIDSATW STSSCEISLP ENSNSCRSST TTCPEQDFFG GNFEDPVLDG
 PPQDDLSHPR DYESKSDHRS VGGRSSRATS SSDNSETFVG NSSSNHSALH
 SLVSSLKQEM TKQKIEYESR IKSLEQRNLT LETEMMSLHD ELDQERKKFT
 MIEIKMRNAE RAKEDA EKRN DMLQKEMEQF FSTFGELTVE PRRTERGNTI WIQ

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

ARHGAP24 Rho GTPase activating protein 24 [Homo sapiens]

Official Symbol

ARHGAP24

Synonyms

ARHGAP24; Rho GTPase activating protein 24; rho GTPase-activating protein 24;
 DKFZP564B1162; FilGAP; FLJ33877; rhoGAP of 73 kDa; sarcoma antigen NY-SAR-
 88; filamin-A-associated RhoGAP; rho-type GTPase-activating protein 24; RAC1- and
 CDC42-specific GTPase-activating protein of 72 kDa; p73; FILGAP; RCGAP72; RC-
 GAP72; p73RhoGAP; DKFZp564B1162

Gene ID

83478

mRNA Refseq

NM_001025616

Protein Refseq

NP_001020787

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MIM	610586
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UniProt ID	Q8N264
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