

Recombinant Human ARHGAP24 protein, GST-tagged

Cat. No. ARHGAP24-765H **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	Wheat Germ
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	MTANHESYLLMASTQNDMEDWVKSIRRVIWGPFGGGIFGQKLEDTVRYEKRYGNR LAPMLVEQCVD FIRQRGLKEEGLFRLPGQANLVKELQDAFDCGEKPSFDSNTDVHT VASLLKLYLRELPEPVIPIYAKYEDFLSCAKLLSKEEEAGVKELAKQVKSLPVVYNLL KYICRFLDEVQSYSGVNMKSVQNLATVFGPNILRPKVEDPLTIMEGTVVVQQLMSVM ISKHDCLFPKDAELQSKPQDGVSNNEIQKKATMGQLQNKENNNTKDSPSRQCSW DKSESPQRSSMNNGSPTALSGSKTNSPKNSVHKLDVSRSPPLMVKKNPAPFNKGSGI VTNGSFSSSNAEGLEKTQTPNGSLQARRSSSLKVSGTKMGTHSVQNGTVRMGILN SDTLGNPTNVRNMSWLPNGYVTLRDNKQKEQAGELGQHNRLSTYD NVHQQFSMM NLDDKQSIDSATWSTSSCEISLPENSNSCRSSTTTCPEQDFFGGNFEDPVLDGPPQ

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DDLSHPRDYESKSDHRSVGGRRSSRATSSSDNSETFVGNSSSNHSALHSLVSSLKQ
EMTKQKIEYESRIKSLEQRNLTLETEMMSLHDELDQERKKFTMIEIKMRNAERAKED
AEKRNDMLQKEMEQQFFSTFGELTVEPRRTERGNTIWIQ

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

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

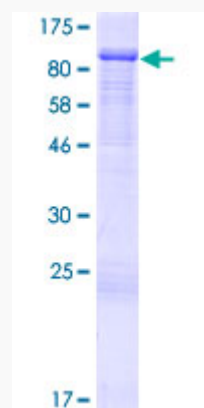
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MIM 610586

UniProt ID Q8N264



12.5% SDS-PAGE Stained with Coomassie Blue.

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