

Recombinant Human ARHGAP24 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ARHGAP24-3271H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ARHGAP24 MS Standard C13 and N15-labeled recombinant protein (NP_001020787) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	84.1 kDa
AA Sequence	MEENNDSTENPQQGQGRQNAIKCGWLRKQGGFVKTWHTRWFLKGDQLYYFKDE DETKPLGTIFLPGNKVSEHPCNEENPGKFLFEVVPGGDRDRMTANHESYLLMASTQ NDMEDWVKSIRRVIWGPFGGGIFGQKLEDTVRYEKRYGNRLAPMLVEQCVDVFIRQR GLKEEGLFRLPGQANLVKELQDAFDCGEKPSFDSNTDVHTVASLLKLYLRELPEPVI PYAKYEDFLSCAKLLSKEEEAGVKELAKQVKSLPVVNYNLLKYICRFLDEVQSYSGV NKMSVQNLATVFGPNILRPKVEDPLTIMEGTVVVQQLMSVMISKHDCLFPKDAELQS KPQDGVSNNNEIQKKATMGQLQNKENNNTKDSPSRQCSWDKSESPQRSSMNNGS PTALSGSKTNSPKNSVHKLDVSRSPPLMVKKNPAPFNKGSGIVTNGSFSSSNAEGLE

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KTQTTPNGSLQARRSSSLKVSGTKMGTHSVQNGTVRMGILNSDTLGNPTNVRNMS
WLPNGYVTLRDNKQKEQAGELGQHNRLSTYDNVHQQFSMMNLDDKQSIDSATWS
TSSCEISLPENSNSCRSSTTTCPEQDFFGGNFEDPVLGPPQDDLSHPRDYESKSD
HRSVGGRSSSRATSSSDNSETFVGNSSSNHSALHSLVSSLKQEMTKQKIEYESRIKSL
EQRNLTLETMMSLHDELDQERKKFTMIEIKMRNAERAKEDA EKRNDMLQKEME QF
FSTFGELTVEPRRTERGNTIWIQTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ARHGAP24 Rho GTPase activating protein 24 [Homo sapiens (human)]

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

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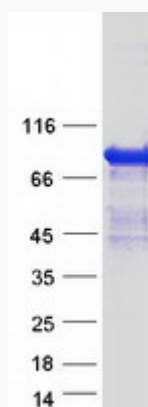
mRNA Refseq [NM_001025616](#)

Protein Refseq [NP_001020787](#)

MIM [610586](#)

UniProt ID [Q8N264](#)

SDS-PAGE



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