

Product datasheet for PH311832

Rho GTPase activating protein 24 (ARHGAP24) (NM_001025616) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ARHGAP24 MS Standard C13 and N15-labeled recombinant protein (NP_001020787)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211832
Predicted MW:	84.1 kDa
Protein Sequence:	>RC211832 representing NM_001025616 Red =Cloning site Green =Tags(s) MEENNDSTENPQQGQGRQNAIKCGWLRKQGGFVKTWHTRWFVLKGDQLYYFKDEDETKPLGTIFLPGNKV SEHPCNEENPGKFLFEVVPGGDRDRMTANHESYLLMASTQNDMEDWVKSIRRVIWGPFGGGIFGQKLEDT VRYEKRYGNRLAPMLVEQCVDFIRQRGLKEEGLFRLPGQANLVKELQDAFDCGEKPSFDSNTDVHTVASL LKL YLRELPEVPYAKYEDFLSACKLLSKEEEAGVKELAKQVKSLPVVNYNLLKYICRFLDEVQSYSGV NKMSVQNLATVFGPNILRPKVEDPLTIMEGTVVVQQLMSVMI SKHDCLFPKDAELQSKPQDGVSNNEIQ KKATMGQLQNKENNTKDSRQCSWDKSESPQRSSMNGSPTALSGSKTNSPKNSVHKLDVSRSPPLMV KKNPAFNKSGSIVTNGSFSSSNAEGLKQTTPNGSLQARRSSSLKVSQTKMGTHSVQNGTVRMGILNSD TLGNPTNVRNMSWLPNGYVTLRDNKQKEQAGELGQHNRLSTYDNVHQQFSMMNLDDKQSIDSATWTSSC EISLPENSNSCRSSTTTCPEDFFGGNFEDPVLDPGPPQDDL SHPRDYESKSDHRSVGGRRSSRATSSSDNS ETFVGNSSSNHSLHSLVSSLKQEMTKQKIEYESRIKSLEQRNLTLETMMSLHDEL DQERKKFTMIEIK MRNAERAKEDA EKRNDMLQKEMEQQFFSTFGELTVEPRRTERGNTIWIQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001020787

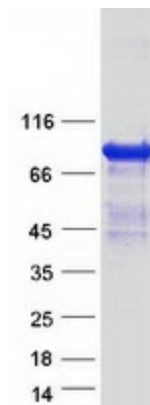


[View online »](#)

RefSeq Size:	2936
RefSeq ORF:	2244
Synonyms:	FILGAP; p73; p73RhoGAP; RC-GAP72; RCGAP72
Locus ID:	83478
UniProt ID:	Q8N264
Cytogenetics:	4q21.23-q21.3

Summary: 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]

Product images:



Coomassie blue staining of purified ARHGAP24 protein (Cat# [TP311832]). The protein was produced from HEK293T cells transfected with ARHGAP24 cDNA clone (Cat# [RC211832]) using MegaTran 2.0 (Cat# [TT210002]).