

## Product datasheet for TP311832

### Rho GTPase activating protein 24 (ARHGAP24) (NM\_001025616) Human Recombinant Protein

#### Product data:

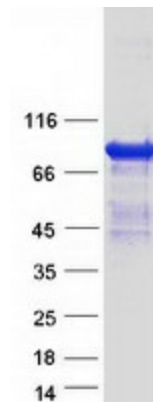
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Rho GTPase activating protein 24 (ARHGAP24), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211832 representing NM_001025616 Red=Cloning site Green=Tags(s)
	<p>MEENNDSTENPQQGQGRQNAIKCGWLRKQGGFVKTWHTRWFVLKGDQLYYFKDEDETKPLGTIFLPGNKV SEHPCNEENPGKFLFEVWPGGDRDRMTANHESYLLMASTQNDMEDWVKSIRRVIWGPFGGGIFGQKLEDT VRYEKRYGNRLAPMLVEQCVD FIRQRGLKEEGLFRLPGQANLVKELQDAFDCGEKPSFDSNTDVHTVASL LKLYLRELPEPVIPIYAKYEDFLSCAKLLSKEEEAGVKELAKQVKSLPVVNYNLLKYICRFLDEVQSYSGV NKMSVQNLATVFGPNILRPKVEDPLTIMEGTWVWQQLMSVMISKHDCLFPKDAELQSKPQDGVSNNEIQ KKATMGQLQNKENNNTKDSPSRQCSWDKSESPQRSSMNNGSPTALSGSKTNSPKNSVHKLDVSRSPPLMV KKNPAFNKGGSGIVTNGSFSSNAEGLEKTQTPNGSLQARRSSSLKVSQTKMGTHSVQNGTVRMGILNSD TLGNPTNVRNMSWLPNGYVTLRDNKQKEQAGELGQHNRLSTYDNVHQQFSMMNLDDKQSIDSATWSTSSC EISLPENSNSCRSSTTTCPEQDFGGNFEDPVLDPVLDGPPQDDL SHPRDYESKSDHRSVGGRSSRATSSSDNS ETFVGNSSSNHSALHSLVSSLKQEMTKQKIEYESRIKSLEQRNLTLETEMMSLHDELQERKKFTMIEIK MRNAERAKEDA EKRNDMLQKEMEQQFFSTFGELTVEPRRTERGNTIWIQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	84.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001020787</a>
<b>Locus ID:</b>	83478
<b>UniProt ID:</b>	<a href="#">Q8N264</a>
<b>RefSeq Size:</b>	2936
<b>Cytogenetics:</b>	4q21.23-q21.3
<b>RefSeq ORF:</b>	2244
<b>Synonyms:</b>	FILGAP; p73; p73RhoGAP; RC-GAP72; RCGAP72
<b>Summary:</b>	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]).