

Product datasheet for TP509784

Arhgap24 (NM_146161) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Rho GTPase activating protein 24 (Arhgap24), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209784 protein sequence Red =Cloning site Green =Tags(s)
	<p>MTANHESYLLMASTQNDMEDWVKSIRRVIWGPFGGGIFGQKLEDTVRYEKRYGNRLAPMLVEQCVD FIRQ RGLKEEGLFRLPGQANLVKELQDAFDCGEKPSFDSNTDVHTVASLLKLYLRELPEPVVYAKYEDFLSCA TLLSKEEEAGVKELMKQVKSLPVVNYNLLKYICRFLDEVQSYSGVNKMSAQNLATVFGPNILRPKVEDPL TIMEGTVVVQQLMSVMISKHDRLFPKDTEPQSKPQDGPNSNNNDGHHKATMGQLQNKENNTKESPVRRRC SWDKPESPQRSSVDNGSPTALSGSKTNSPRNSIHKLDISRSPPLMVKKNPAFNKGGSGIVTNGSFSSSNAE GVEKPQTTPNGSLQARRTSSLKSSGTKMGTHSVQNGTVRMGILNTDTLGNLSLNGRSMWLPNGYVTLRDN KQKEPAGESGQHNRLSTYDINVHQFSSMSLDDKHSVDSATWSTSSCEISLPENSNSCRSSTTTCPEQDFY VGNFEDPVLDPGPPQDDLSPGDYENKSDRRSVGGRRSRATSSSDNSETFVGNVTSSNHSALHSLVSSLKQE MTKQKIEYESRIKSLEQRNLTLETEMLSLHDELQERKKFTMIEIKMRNAERAKEDA EKRN DMLQKEME Q FFSTFGDLTVEPRRSERGNTIWIQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	73.3 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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_666273](#)

Locus ID: 231532

UniProt ID: [Q8C4V1](#)

RefSeq Size: 3159

Cytogenetics: 5 E5

RefSeq ORF: 1965

Synonyms: 0610025G21Rik

Summary: Rho GTPase-activating protein involved in cell polarity, cell morphology and cytoskeletal organization. Acts as a GTPase activator for the Rac-type GTPase by converting it to an inactive GDP-bound state. Controls actin remodeling by inactivating Rac downstream of Rho leading to suppress leading edge protrusion and promotes cell retraction to achieve cellular polarity. Able to suppress RAC1 and CDC42 activity in vitro. Overexpression induces cell rounding with partial or complete disruption of actin stress fibers and formation of membrane ruffles, lamellipodia, and filopodia. Isoform 2 is a vascular cell-specific GAP involved in modulation of angiogenesis (By similarity).[UniProtKB/Swiss-Prot Function]