

Product datasheet for **TP306987M**

ARFGAP1 (NM_175609) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ADP-ribosylation factor GTPase activating protein 1 (ARFGAP1), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206987 protein sequence Red =Cloning site Green =Tags(s)
	<p>MASPRTRKVLKEVRVQDENNVCFECGAFNPQWVSVTYGIWICLECSGRHRGLGVHLSFVRSVTMDKWKDI ELEKMKAGGNAKFREFLESQEDYDPCWSLQEKYNSRAAALFRDKVVALAEGREWSLESSPAQNWTPPQPR TLPSMVHRVSGQPQSVTASSDKAFEDWLNDLGSYQGAQGNRYVGFNTPPPQKEDDFLNNAMSSLYSG WSSFTTGASRFASAAKEGATKFGSQASQKFWGHKQQPEPASELGHSLNENVLKPAQEKVKEGKIFDDVSS GVSQ LASKGVGSKGWRDVTTFFSGKAEGPLDSPSEGHSYQNSGLDHFQNSNIDQSFWETFGSAEPTKTRK SPSSDSWTCADTSTERRSSDSWEVWGSASTNRNSNSDGGEGGEGTKKAVPPAVPTDDGWDNQNW</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	45.5 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.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_783202</u>



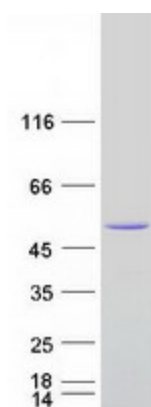
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Locus ID: 55738
UniProt ID: [Q8N6T3](#)
RefSeq Size: 3309
Cytogenetics: 20q13.33
RefSeq ORF: 1242
Synonyms: ARF1GAP; HRIHFB2281

Summary: The protein encoded by this gene is a GTPase-activating protein, which associates with the Golgi apparatus and which interacts with ADP-ribosylation factor 1. The encoded protein promotes hydrolysis of ADP-ribosylation factor 1-bound GTP and is required for the dissociation of coat proteins from Golgi-derived membranes and vesicles. Dissociation of the coat proteins is required for the fusion of these vesicles with target compartments. The activity of this protein is stimulated by phosphoinositides and inhibited by phosphatidylcholine. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Protein Pathways: Endocytosis

Product images:



Coomassie blue staining of purified ARFGAP1 protein (Cat# [TP306987]). The protein was produced from HEK293T cells transfected with ARFGAP1 cDNA clone (Cat# [RC206987]) using MegaTran 2.0 (Cat# [TT210002]).