

Product datasheet for **TP302392M**

ARFGAP3 (NM_014570) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ADP-ribosylation factor GTPase activating protein 3 (ARFGAP3), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC202392 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MGDPSKQDILTIFKRLRSVPTNKVCFDCGAKNPSWASITYGVFLCIDCSGSHRSLGVHLSFIRSTELDSN
WSWFQLRCMQVGGNASASSFFHQHGCSTNDTNAKYNRAAQLYREIKISLASQATRKHGTDLWLDSCVP
PLSPPPKEEDFFASHVSPEVSDTAWASAIAEPSSLTSRPVETTLENNEGGQEQQPSVEGLNVPTKATLEV
SSIIKKKPNQAKKGLGAKKGLGAQKLANTCFNEIEKQAQAADKMKEQEDLAKVVSKEESIVSSLRLAYK
DLEIQMKKDEKMNISGKKNVSDRLGMGFGNCRSVISHSVTSDMQTIEQESPIMAKPRKKYNDSDSYF
TSSSRVFDEPVELRSSSFSSWDDSSDSYWKKETS KDTETVLKTTGYSRPTARRKPDYEPVENTDEAQKK
FGNVKAISSDMYFGRQSQADYETRARLERLSASSISSADLFEEPRKQPAGNYLSSVLPNAPDMAQFKQ
GVRVAGKLSVFANGVVTSIQDRYGS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

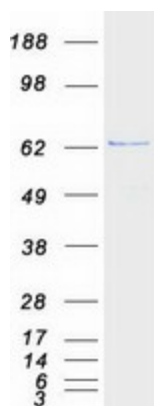
Tag:	C-Myc/DDK
Predicted MW:	56.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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:	NP_055385
Locus ID:	26286
UniProt ID:	Q9NP61 , A0A024R4U0
RefSeq Size:	2851
Cytogenetics:	22q13.2
RefSeq ORF:	1548
Synonyms:	ARFGAP1
Summary:	The protein encoded by this gene is a GTPase-activating protein (GAP) that associates with the Golgi apparatus and regulates the early secretory pathway of proteins. The encoded protein promotes hydrolysis of ADP-ribosylation factor 1 (ARF1)-bound GTP, which is required for the dissociation of coat proteins from Golgi-derived membranes and vesicles. Dissociation of the coat proteins is a prerequisite for the fusion of these vesicles with target compartments. The activity of this protein is sensitive to phospholipids. Multiple transcript variants encoding different isoforms have been found for this gene. This gene was originally known as ARFGAP1, but that is now the name of a related but different gene. [provided by RefSeq, Nov 2008]
Protein Pathways:	Endocytosis

Product images:



Coomassie blue staining of purified ARFGAP3 protein (Cat# [TP302392]). The protein was produced from HEK293T cells transfected with ARFGAP3 cDNA clone (Cat# [RC202392]) using MegaTran 2.0 (Cat# [TT210002]).