

Recombinant Human ARFGAP3 protein, GST-tagged

Cat. No. ARFGAP3-751H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARFGAP3 full-length ORF (NP_055385.2, 1 a.a. - 516 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	83.4 kDa
AA Sequence	MGDPSKQDILTIFKRLRSVPTNKVCFDCGAKNPSWASITYGVFLCIDCSGSHRSLGV HLSFIRSTELDSNWSWFQLRCMQVGGNASASSFFHQHGCSTNDTNAKYNRAAQL YREKIKSLASQATRKHGTDLWLDSCVVPPLSPPPKEEDFFASHVSPEVSDTAWASAI AEPSSLTSRPVETTLENNEGGQEQGPSVEGLNVPTKATLEVSSIKKKPNQAKKGLG AKKGSLGAQKLANTCFNEIEKQAQAADKMKEQEDLAKVVSKEESIVSSLRLAYKDLEI

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QMKKDEKMNISGKKNVDS DRLGMGFGNCRSVISHSVTSDMQTIEQESPIMAKPRKK
 YNDDSDDSYFTSSSRYPDEPVELRSSSFSSWDDSSDSYWKKETSKDTETVLKTTGY
 SDRPTARRKPDYEPVENTDEAQKKFGNVKAISSDMYFGRQSQADYETRARLERLSA
 SSSISSADLFEEPRKQPAGNYSLSSVLPNAPDMAQFKQGVRSVAGKLSVFANGVVT
 SIQDRYGS

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

ARFGAP3 ADP-ribosylation factor GTPase activating protein 3 [Homo sapiens]

Official Symbol

ARFGAP3

Synonyms

ARFGAP3; ADP-ribosylation factor GTPase activating protein 3; ADP ribosylation factor GTPase activating protein 1 , ARFGAP1; ADP-ribosylation factor GTPase-activating protein 3; ARF GAP 3; ADP-ribosylation factor GTPase activating protein 1; ARFGAP1; FLJ45618;

Gene ID

26286

mRNA Refseq

NM_001142293

Protein Refseq

NP_001135765

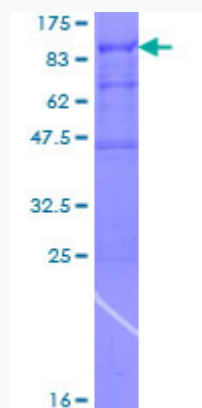
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MIM 612439

UniProt ID Q9NP61



12.5% SDS-PAGE Stained with Coomassie Blue.

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