

Recombinant Full Length Human ARFGAP1 Protein, GST-tagged

Cat. No. ARFGAP1-1239HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARFGAP1 full-length ORF (AAH28233, 1 a.a. - 414 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	414 amino acids
Description	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]
Molecular Mass	71.28 kDa
AA Sequence	MASPRTRKVL KEVRVQDENN VCFECGAFNP QWVSVTYGIW ICLECSGRHR GLGVHLSFVR SVTMDKWKDI ELEKMKAGGN AKFREFLESQ EDYDPCWSLQ EKYNSRAAAL FRDKVVALAE GREWSLESSP AQNWTPPQPR TLPSMVHRVS GQPQSVTASS DKAFEDWLND DLGSYQGAQG NRYVGFGNTP PPQKKEDDFL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

NNAMSSLYSG WSSFTTGASR FASAAKEGAT KFGSQASQKF WGHKQQPEPA
 SELGHSLNEN VLKPAQEKVK EGKIFDDVSS GVSQ LASKGV GSKGWRDVT
 FFSGKAEGPL DSPSEGHSYQ NSGLDHFQNS NIDQSFWETF GSAEPTKTRK
 SPSSDSWTCA DTSTERRSSD SWEVWGSAST NRNSNSDGGE GGEGTKKAVP
 PAVPTDDGWD NQNW

Applications

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

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

ARFGAP1 ADP-ribosylation factor GTPase activating protein 1 [Homo sapiens]

Official Symbol

ARFGAP1

Synonyms

ARFGAP1; ADP-ribosylation factor GTPase activating protein 1; ADP ribosylation factor 1 GTPase activating protein , ARF1GAP; ADP-ribosylation factor GTPase-activating protein 1; bA261N11.3; FLJ10767; ARF1 GAP; ARF GAP 1; GAP protein; ARF1-directed GTPase-activating protein; ADP-ribosylation factor 1 GTPase activating protein; ADP-ribosylation factor 1 GTPase-activating protein; ARF1GAP; HRIHFB2281; MGC39924

Gene ID

55738

mRNA Refseq

NM_018209

Protein Refseq

NP_060679

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MIM	608377
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UniProt ID	Q8N6T3
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