

# 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  
 EKYNRAAAL FRDKVVALAE GREWSLESSP AQNWTPPQPR TLPSMVHRVS  
 GQPQSVTASS DKAFEDWLND DLGSYQGAQG NRYVGFGNTP PPQKKEDDFL

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NNAMSSLYSG WSSFTTGASR FASAAKEGAT KFGSQASQKF WGHKQQPEPA  
 SELGHSLNEN VLKPAQEKVK EGKIFDDVSS GVSQASKGV GSKGWRDVTT  
 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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<b>MIM</b>	608377
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<b>UniProt ID</b>	Q8N6T3
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