

Recombinant Human ARFGAP1 protein, GST-tagged

Cat. No. ARFGAP1-750H **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	Wheat Germ
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	MASPRTRKVLKEVRVQDENNVCFECGAFNPQWVSVTYGIWICLECSGRHRGLGVH LSFVRSVTMDKWKDIELEKMKAGGNAKFREFLESQEDYDPCWSLQEKYNSRAAALF RDKVVALAEGREWSLESSPAQNWTPPQPRTLPSMVHRVSGQPQSVTASSDKAFED WLNDLGSYQGAQGNRYVGFNTPPPQKKEDDFLNNAMSSLYSGWSSFTTGASR FASAAKEGATKFGSQASQKFWGHKQQPEPASELGHSLNENVLKPAAQEKVKEGKIFD DVSSGVSQ LASKGVGSKGWRDVTTF FSGKAEGPLDSPSEGHSYQNSGLDHFQNS

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	NIDQSFWETFGSAEPTKTRKSPSSDSWTCADTSTERRSSDSWEVWGSASTNRNSN SDGGEGGEGTKKAVPPAVPTDDGWDNQNW
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	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

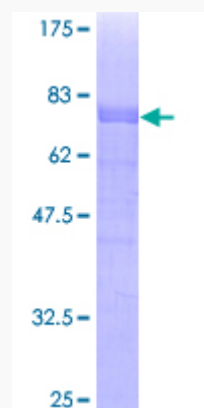
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MIM 608377

UniProt ID Q8N6T3



12.5% SDS-PAGE Stained with Coomassie Blue.

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