

## Recombinant Human ARFGAP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ARFGAP1-6421H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | ARFGAP1 MS Standard C13 and N15-labeled recombinant protein (NP_783202) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 45.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MASPRTRKVLKEVRVQDENNVCFECGAFNPQWVSVTYGIWICLECSGRHRGLGVH<br>LSFVRSVTMDKWKDIELEKMKAGGNAKFREFLESQEDYDPCWSLQEKYNSRAALF<br>RDKVVALAEGREWSLESSPAQNWTPPQPRTLPSMVHRVSGQPQSVTASSDKAFED<br>WLNDLGSYQGAQGNRYVGFNGTTPPPQKKEDDFLNNAMSSLYSGWSSFTTGASR<br>FASAAKEGATKFGSQASQKFWGHKQQPEPASELGHSLNENVLKPAQEKVKEGKIFD                                                                                                                                                                                                                                                                                                                         |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

DVSSGVSQLASKGVGSKGWRDVTTFSGKAEGPLDSPSEGHSYQNSGLDHFQNS  
 NIDQSFWETFGSAEPTKTRKSPSSDSWTCADTSTERRSSDSWEVWGSASTNRNSN  
 SDGGEGGEGTKKAVPPAVPTDDGWDNQNWTRTRPLEQKLISEEDLAANDILDYKD  
 DDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** [ARFGAP1 ADP-ribosylation factor GTPase activating protein 1 \[ Homo sapiens \(human\) \]](#)

**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](#)

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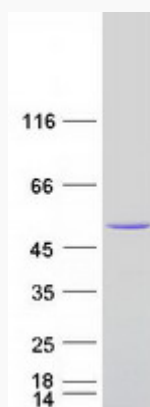
**mRNA Refseq** NM\_175609

**Protein Refseq** NP\_783202

**MIM** 608377

**UniProt ID** Q8N6T3

**SDS-PAGE**



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