

# Recombinant Human ARF1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ARF1-506H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	ARF1 MS Standard C13 and N15-labeled recombinant protein (NP_001019398) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	ADP-ribosylation factor 1 (ARF1) is a member of the human ARF gene family. The family members encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking as activators of phospholipase D. The gene products, including 6 ARF proteins and 11 ARF-like proteins, constitute a family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2 and ARF3), class II (ARF4 and ARF5) and class III (ARF6), and members of each class share a common gene organization. The ARF1 protein is localized to the Golgi apparatus and has a central role in intra-Golgi transport. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene.
<b>Molecular Mass</b>	20.7 kDa
<b>AA Sequence</b>	MGNIFANLFKGLFGKKEMRILMVGLDAAGKTTILYKLLKLGIVTTIPTIGFNVETVEYKN ISFTVWDVGGQDKIRPLWRHYFQNTQGLIFVVDSDNRERVNEAREELMRMLAEDEL RDAVLLVFANKQDLPNAMNAAEITDKLGLHSLRHRNWIQATCATSGDGLYEGLDW

 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

LSNQLRNQKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**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** [ARF1 ADP-ribosylation factor 1 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [ARF1](#)

**Synonyms** ARF1; ADP ribosylation factor 1; PVNH8; ADP-ribosylation factor 1

**Gene ID** [375](#)

**mRNA Refseq** [NM\\_001024227](#)

**Protein Refseq** [NP\\_001019398](#)

**MIM** [103180](#)

**UniProt ID** [P84077](#)

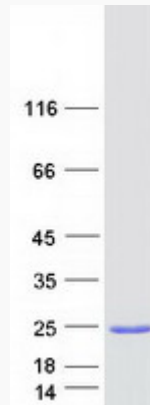
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SDS-PAGE



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