

# Recombinant Full Length Human ARF1 Protein, GST-tagged

Cat. No. ARF1-1165HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human ARF1 full-length ORF ( AAH11358, 1 a.a. - 181 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	181 amino acids
<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. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	45.65 kDa
<b>AA Sequence</b>	MGNIFANLFK GLFGKKEMRI LMVGLDAAGK TTILYKCLKLG EIVTTIPTIG FNVETVEYKN ISFTVWDVGG QDKIRPLWRH YFQNTQGLIF VVDSNDRERV NEAREELMRM LAEDELRDVV LLVFANKQDL PNAMNAAEIT DKLGLHSLRH

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RNWYIQATCA TSGDGLYEGL DWLSNQLRNQ K

**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**

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

**Official Symbol**

[ARF1](#)

**Synonyms**

ARF1; ADP-ribosylation factor 1

**Gene ID**

[375](#)

**mRNA Refseq**

[NM\\_001024226](#)

**Protein Refseq**

[NP\\_001019397](#)

**MIM**

[103180](#)

**UniProt ID**

[P84077](#)

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