

Recombinant Full Length Human ARF1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human ARF1 full-length ORF (AAH11358, 1 a.a. - 181 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	181 amino acids
Description	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]
Molecular Mass	45.65 kDa
AA Sequence	MGNIFANLFK GLFGKKEMRI LMVGLDAAGK TTILYKLKLG 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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