

Recombinant Human ARF1 protein, GST-tagged

Cat. No. ARF1-744H **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	Wheat Germ
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	MGNIFANLFKGLFGKKEMRILMVGLDAAGKTTILYKLKLGEIVTTIPTIGFNVETVEYKN ISFTVWDVGGQDKIRPLWRHYFQNTQGLIFVDSNDRERVNEAREELMRMLAEDEL RDVLLVFANKQDLPNAMNAAEITDKLGLHSLRHRNWYIQATCATSGDGLYEGLDW LSNQLRNQK

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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.

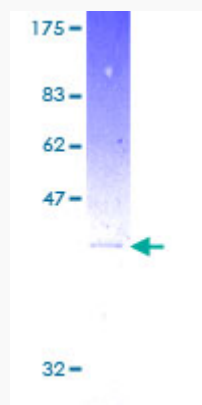
GENE INFORMATION

Gene Name	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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12.5% SDS-PAGE Stained with Coomassie Blue.

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