

Recombinant Human ARF4 protein, GST-tagged

Cat. No. ARF4-746H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARF4 full-length ORF (AAH03364, 1 a.a. - 180 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is a member of the human ARF gene family whose members encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The gene products include 5 ARF proteins and 11 ARF-like proteins and constitute one family of the RAS superfamily. The ARF proteins are categorized as class I, class II and class III; this gene is a class II member. The members of each class share a common gene organization. The ARF4 gene spans approximately 12kb and contains six exons and five introns. This gene is the most divergent member of the human ARFs. Conflicting map positions at 3p14 or 3p21 have been reported for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	45.54 kDa
AA Sequence	MGLTISSLFSRLFGKKQMRILMVGLDAAGKTTILYKLKLGEIVTTIPTIGFNVETVEYKN ICFTVWDVGGQDRIRPLWKHYFQNTQGLIFVVDSDNRERIQEVADELQKMLLVDEL DAVLLLFANKQDLPNAMAISEMMDKLGLQSLRNRTWYVQATCATQGTGLYEGLDWL SNELSKR

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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.

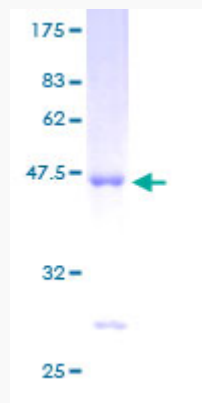
GENE INFORMATION

Gene Name	ARF4 ADP-ribosylation factor 4 [Homo sapiens]
Official Symbol	ARF4
Synonyms	ARF4; ADP-ribosylation factor 4; ADP ribosylation factor 2 , ARF2; ADP-ribosylation factor 2; ARF2;
Gene ID	378
mRNA Refseq	NM_001660
Protein Refseq	NP_001651
MIM	601177
UniProt ID	P18085

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12.5% SDS-PAGE Stained with Coomassie Blue.

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