

## 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**

MGLTISSLFSRFLFGKKQMRILMVGLDAAGKTTILYKCLKLGEIVTTIPTIGFNVETVEYKN  
 ICFTVWDVGGQDRIRPLWKHYFQNTQGLIFVVDSDNRERIQEVADELQKMLLVDEL  
 DAVLLLFANKQDLPNAMAISEMTDKLGLQSLRNRTWYVQATCATQGTGLYEGLDWL  
 SNELSKR

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

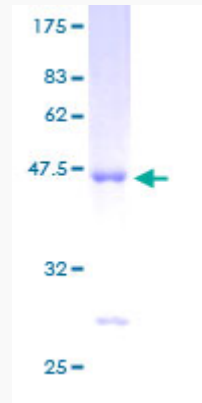
## GENE INFORMATION

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

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