

Recombinant Full Length Human ARF4 Protein, GST-tagged

Cat. No. ARF4-1181HF **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	In Vitro Cell Free System
ProteinLength	180 amino acids
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	MGLTISSLFS RLFGKKQMRI LMVGLDAAGK TTILYKCLKLG EIVTTIPTIG FNVETVEYKN ICFTVWDVGG QDRIRPLWKH YFQNTQGLIF VVDSNDRERI QEVADELQKM LLVDELRDAV LLLFANKQDL PNAMAISEMT DKLGLQSLRN

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RTWYVQATCA TQGTGLYEGD DWLSNELSKR

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

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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