

Recombinant Human ADP-Ribosylation Factor 4, His-tagged

Cat. No. ARF4-3396H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ARF4 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 23.0 kDa (204aa).
Species	Human
Source	E.coli
Description	ARF4 is a member of the 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 ARF proteins include 5 ARF proteins and 11 ARF-like proteins and constitute one family of the RAS superfamily. They are categorized as class I, class II and class III; this gene is a class II member.
Form	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 20% glycerol.
Purity	> 95% by SDS - PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MGSHMGLTIS SLFSRLFGKK QMRILMVGLD AAGKTTILYK LKLGEIVTTI PTIGFNVETV EYKNICFTVW DVGGQDRIRP LWKHYFQNTQ GLIFVVDSDN RERIQEVAD E LQKMLLVDEL RDAVLLLFAN

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KQDLPNAMAI SEMTDKLGGLQ SLRNRTWYVQ ATCATQGTGL YEGLDWLSNE
LSKR.

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

ARF4 ADP-ribosylation factor 4 [Homo sapiens]

Synonyms

ADP-ribosylation factor 4; ARF2; ARF4; ADP-ribosylation factor 4;
OTTHUMP00000213142; OTTHUMP00000213211; ADP-ribosylation factor 2

Gene ID

378

mRNA Refseq

NM_001660

Protein Refseq

NP_001651

MIM

601177

UniProt ID

P18085

**Chromosome
Location**

3p21.2-p21.1

Function

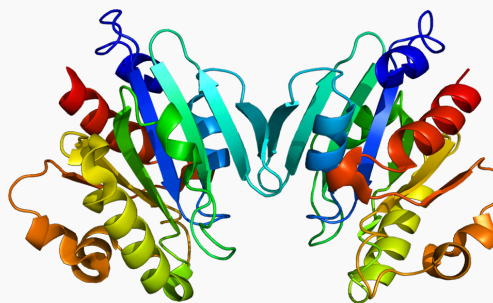
GTP binding; GTPase activity; epidermal growth factor receptor binding; nucleotide binding

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