

Recombinant Human ADP-ribosylation Factor 6, His-tagged

Cat. No. ARF6-3369H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ARF6 protein , fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 22.2 kDa (195aa).
Species	Human
Source	E.coli
Description	ADP-ribosylation factor 6, also known as ARF6, is a member of the ADP ribosylation factor family of GTP-binding proteins. It is localized to the plasma membrane, and regulates vesicular trafficking, remodelling of membrane lipids, and signaling pathways that lead to actin remodeling. Additionally, ARF6 play a central role in maintenance of organelle integrity, assembly of coat proteins and activation of phospholipase D.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 0.2mM PMSF.
Purity	> 95% by SDS - PAGE.
Concentration	1.0 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MGKVLKIFG NKEMRILMLG LDAAGKTTIL YKL KLGQSVT TIPTVGFNVE TVTYKNVKFN VWDVGGQDKIRPLWRHYTG TQGLIF VV DC ADRDRIDEAR QELHRIINDR EMRDAILIF ANKQDLPDAM KPHEIQEKLK

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LTRIRDRNWY VQPSCATSGDGLYEGLTWLT SNYKS.

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.

Fuction

GTP binding; GTPase activity; nucleotide binding; protein binding; thioesterase binding

Pathways

Endocytosis; Fc gamma R-mediated phagocytosis

GENE INFORMATION

Gene Name

[ARF6 ADP-ribosylation factor 6 \[Homo sapiens \]](#)

Synonyms

ADP-ribosylation factor 6; DKFZp564M0264; ARF6

Gene ID

[382](#)

mRNA Refseq

[NM_001663](#)

Protein Refseq

[NP_001654](#)

MIM

[600464](#)

UniProt ID

[P62330](#)

**Chromosome
Location**

14q21.3

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