

AR09581PU-L

Human ARF1 (1-181, His-tag) - Purified

Alternate names:

ADP-ribosylation factor 1

Quantity:

0.5 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

ARF1, also known as ADP-ribosylation factor 1, is a small guanine nucleotide-binding protein that enhances the enzymatic activities of cholera toxin. It is essential and ubiquitous in eukaryotes, as this protein is involved in vesicular transport and functioning via phospholipase D activation. ARF1 plays a role in membrane traffic and organelle integrity and are intimately tied to their reversible association with membranes and distinct interactions with membrane phospholipids.

Uniprot ID:

[P84077](#)

NCBI:

[NP_001019397](#)

GeneID:

[375](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1 M NaCl, 1 mM DTT

Description:

Recombinant human ARF1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SSGLVPRGSH MGNIFANLFK GLFGKKEMRI LMVGLDAAGK TTILYKLKLG
EIVTTIPTIG FNVETVEYKN ISFTVWDVGG QDKIRPLWRH YFQNTQGLIF VVDSNDRERV
NEAREELMRM LAEDELDAV LLVFANKQDL PNAMNAAEIT DKLGLHSLRH RNWYIQATCA
TSGDGLYEGD DWLSNQLRNQ K

Molecular weight: 22.8 kDa (201aa) confirmed by MALDI-TOF

Storage:

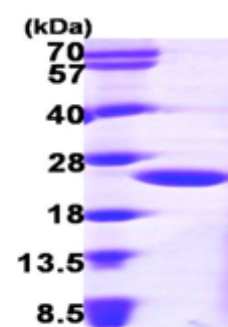
Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:

Recombinant human ARF1, 1-181 aa, His-tagged



15% SDS-PAGE (3ug)