

Datasheet for ABIN667162

**ARF1 Protein (AA 1-181) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	ARF1
Protein Characteristics:	AA 1-181
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARF1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Characteristics:	ARF1, 1-181aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

## Target Details

Target:	ARF1
Alternative Name:	ARF1 ( <a href="#">ARF1 Products</a> )
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

## Target Details

phospholipids. Recombinant human ARF1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: ADP-ribosylation factor 1, ADP ribosylation factor 1. NCBI no.: NP\_001649

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

Pathways: [Transition Metal Ion Homeostasis](#), [Inositol Metabolic Process](#)

## Application Details

Restrictions: For Research Use only

## Handling

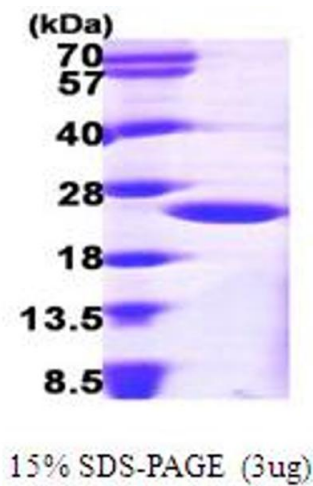
Format: Liquid

Concentration: 1.0 mg/ml (determined by Bradford assay)

Buffer: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl,1mM DTT

Storage: 4 °C

## Images



### SDS-PAGE

Image 1.