

Recombinant human ARL9 protein

Catalog Number: ATGP1337

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-123aa

UniProt No.

Q6T311

NCBI Accession No.

NP_996802

Alternative Names

ARL9, ADP ribosylation factor like protein 9, ADP ribosylation factor like GTPase 9, ADP ribosylation factor like 9

PRODUCT SPECIFICATION

Molecular Weight

15.9 kDa (143aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 200mM NaCl

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

ARL9 (ADP-ribosylation factor-like protein 9) belongs to two novel subfamilies coding for small GTPases that we found to be highly conserved among eukaryotes. Recombinant human ARL9 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MEFLEIGGSK PFRSYWEMYL SKGLLLIFVV DSADHSRLPE AKKYLHQLIA ANPVLPLVVF

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ANKQDLEAAY HITDIHEALA LSEVGND RKM FLFGTYLTKN GSEIPSTMQD AKDLIAQLAA DVQ

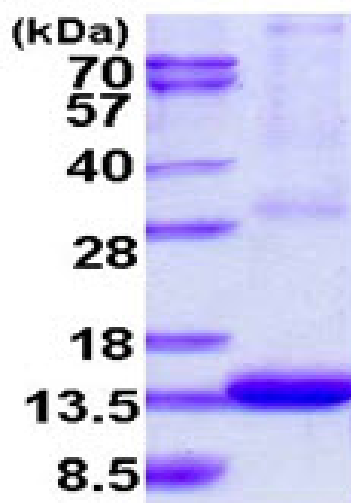
General References

Louro R, et al. (2004) Biochem Biophys Res Commun. 316(3):618-27.

Pasqualato S., et al (2002) EMBO Rep. 3(11):1035-41.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)