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Recombinant human ARL4/ARL4A protein

Catalog Number: ATGP1151

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-200aa

UniProt No.

P40617

NCBI Accession No.

NP 005729.1

Alternative Names

ADP-ribosylation factor-like protein 4A, ARL4, ADP ribosylation factor like GTPase 4A

PRODUCT SPECIFICATION

Molecular Weight

24.7 kDa (220aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl,1mM DTT

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

ARL4A, also known as ADP-ribosylation factor-like protein 4A, is a member of the ARF-like protein (ARL) subfamily of small GTPases. It is most closely related to ARL6 and ARL7. unlike ARFs, ARL4 does not activate the cholera toxin ADP-ribosyltranferase. This protein may play a role in neurogenesis during embryonic development and somitogenesis in the early stages of adult spermatogenesis. Recombinant human ARL4A protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.



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Amino acid Sequence

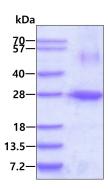
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General References

Lin CY. et al. (2000) J. Biol. Chem. 275:37815-23. Schurmann A. et al. (1994) J. Biol. Chem. 269: 15683-8.

DATA

SDS-PAGE



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

