

Product information

ARL4A, 1-200 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1151

Full name: ADP-ribosylation factor-like protein 4A

NCBI Accession No.: NP_005729

Synonyms: ARL4

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-ribosyltransferase. 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.

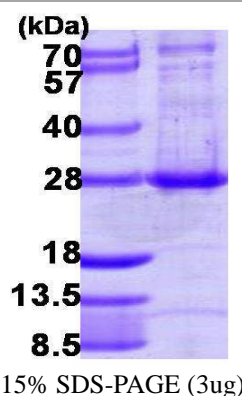
Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol

0.1M NaCl, 1mM DTT

Molecular Weight: 24.7 kDa (220aa), confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGNGLSDQTS ILSNLPFSQS FHIVILGLDC AGKTTVLYRL QFNEFVNTVP TKGFNTEKIK VTLGNSKTVT
 FHFWDVGGQE KLRPLWKSYS RCTDGI V FVV DSVDVERMEE AKTELHKITR ISENQGVPLV IVANKQDLRN SLSLSEIEKL LAMGELSSST
 PWHLQPTCAI IGDGLKEGLE KLHDMI I KRR KMLRQKKKKR

General references:

Lin CY. *et al.* (2000) *J. Biol. Chem.* 275:37815-23.

Schürmann A. *et al.* (1994) *J. Biol. Chem.* 269: 15683-8.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.