

Recombinant Human ARL4A, His-tagged

Cat. No. ARL4A-3602H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ARL4A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography (1-200 aa).
Species	Human
Source	E.coli
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.
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 ILSNLPSFQS FHIVILGLDC AGKTTVLYRL QFNEFVNTVP TKGFNTEKIK VTLGNSKTVT FHFWDVGGQE KLRPLWKSYS RCTDGIVFVV DSV DVERMEE AKTELHKITR ISENQGVPL IVANKQDLRN SLSLSEIEKL LAMGELSSST PWHLQPTCAI IGDGLKEGLE

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KLHDMIIRRR KMLRQQKKRR

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.

GENE INFORMATION

Gene Name

ARL4A ADP-ribosylation factor-like 4A [Homo sapiens]

Official Symbol

ARL4A

Synonyms

ARL4A; ARL4; ADP-ribosylation factor-like protein 4A; OTTHUMP00000155200; OTTHUMP00000201576; OTTHUMP00000201577; ADP-ribosylation factor-like 4

Gene ID

10124

mRNA Refseq

NM_001037164

Protein Refseq

NP_001032241

MIM

604786

UniProt ID

P40617

**Chromosome
Location**

7p21.3

Function

GTP binding; nucleotide binding; protein binding

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