Recombinant Human ADP-Ribosylation Factor-Like 4A, His-tagged

Cat. No. ARL4A-4972H **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.
Species	Human
Source	Human
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.
Concentration	0.5 mg/ml
Form	Supplied as a liquid in 20mM Tris-HCl buffer, pH 8.0, containing 20% glycerol, 0.1M NaCl and 1mM DTT.
Purity	> 90% by SDS - PAGE
Sequence	1-200 amino acids: MGSSHHHHHH SSGLVPRGSH MGNGLSDQTS ILSNLPSFQS FHIVILGLDC AGKTTVLYRL QFNEFVNTVP TKGFNTEKIK VTLGNSKTVT FHFWDVGGQE KLRPLWKSYT RCTDGIVFVV DSVDVERMEE AKTELHKITR ISENQGVPVL IVANKQDLRN SLSLSEIEKL LAMGELSSST PWHLQPTCAI

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	IGDGLKEGLE KLHDMIIKRR KMLRQ
Molecular Mass	24.7 kDa (220aa), confirmed by MALDI-TOF
Applications	SDS-PAGE
Storage	Store at 4 deg C for short term storage (1/2 weeks). Aliquot and store at -20 deg C or - 70 deg C for long term storage. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name	ARL4A ADP-ribosylation factor-like 4A [Homo sapiens]
Official Symbol	ARL4A
Synonyms	ARL4A; 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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