

Recombinant Human ADP-ribosylation Factor-like 5A, His-tagged

Cat. No. ARL5A-938H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ARL5A protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 23.3 kDa (203aa).
Species	Human
Source	E.coli
Description	ADP-ribosylation factor-like 5A, also known ARL5A, belongs to the ARF family of GTP-binding proteins. ARFs are important in eukaryotic vesicular trafficking pathways and play an essential role in the activation of phospholipase D. Unlike many ARF family members, ARL5 is thought to lack ADP-ribosylation enhancing activity. ARL5A is developmentally regulated and may play a role in nuclear dynamics and signaling cascades during embryonic development.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 0.2mM PMSF.
Purity	> 90% by SDS - PAGE.
Concentration	1.0 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SGLVPRGSH MGSHMGILFT RIWRLFNHQE HKVIIVGLDN AGK TTILYQF SMNEVVHTSP TIGSNVEEIV INNTRFLMWDIGGQESLRSS WNT YYTN

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TEF VIVVVDSTDR ERISVTREEL YKMLAHEDLR KAGLLIFANK QDVKECMTVA EIS
 QFLKLTS IKDHQWHIQACCALTGEGLC QGLEWMMSRL KIR.

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

[ARL5A ADP-ribosylation factor-like 5A \[Homo sapiens \]](#)

Synonyms

ADP-ribosylation factor-like 5A; ARL5; ARFLP5; ARL5A; OTTHUMP00000207221;
 ADP-ribosylation factor-like 5; ADP-ribosylation factor-like protein 5; ADP-ribosylation
 factor-like protein 5A

Gene ID

[26225](#)

mRNA Refseq

[NM_001037174](#)

Protein Refseq

[NP_001032251](#)

MIM

[608960](#)

UniProt ID

[Q9Y689](#)

**Chromosome
 Location**

2q23.3

Function

GTP binding; nucleotide binding

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