

# Recombinant Human ADP-Ribosylation Factor-Like 4D, His-tagged

Cat. No. ARL4D-6889H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human ARL4D protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques. MW: 24.3 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-201aa
<b>Description</b>	ARL4D (ADP-ribosylation factor-like protein 4D) is a developmentally regulated member of the ADP-ribosylation factor/ARF-like protein (ARF/ARL) family of Ras-related GTPases. Small GTP-binding protein which cycles between an inactive GDP-bound and an active GTP-bound form, and the rate of cycling is regulated by guanine nucleotide exchange factors (GEF) and GTPase-activating proteins (GAP).
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 200mM NaCl.
<b>Molecular Mass</b>	24.3 kDa (221aa), confirmed by MALDI-TOF.
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGNHLTEMAP TASSFLPHFQ ALHVVVIGLD SAGKTSLLYR LKFKEFVQSV PTKGFNTEKI RVPLGGSRGI TFQVWDVGGQ EKLRLWRSY TRRTDGLVFV VDAAEAERLE EAKVELHRIS RASDNQGVV

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LVLANKQDQP GALSAAEVEK RLAVRELA AA TLTHVQGCSA VDGLGLQQGL  
ERLYEMILKR KKAARGGKKR R

**Purity** >90% by SDS - PAGE

**Applications** SDS-PAGE

**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.

**Concentration** 0.25mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** [ARL4D ADP-ribosylation factor-like 4D \[ Homo sapiens \]](#)

**Official Symbol** ARL4D

**Synonyms** ARL4D; ADP-ribosylation factor-like 4D; ADP ribosylation factor 4 like , ARF4L; ADP-ribosylation factor-like protein 4D; ADP-ribosylation factor-like 6; ADP-ribosylation factor-like protein 4L; ARL6; ARF4L;

**Gene ID** [379](#)

**mRNA Refseq** [NM\\_001661](#)

**Protein Refseq** [NP\\_001652](#)

**MIM** [600732](#)

**UniProt ID** [P49703](#)

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<b>Chromosome Location</b>	17q12-q21
<b>Function</b>	GTP binding; GTPase activity; nucleotide binding; protein binding;

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