

# Recombinant Human ADP-Ribosylation Factor-Like 3, His-tagged

**Cat. No.** ARL3-6872H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human ARL3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography. MW: 23.0 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-182aa
<b>Description</b>	ARL3 is a member of the ARF-like protein (ARL) subfamily of small GTPases. Unlike ARFs, ARL3 does not activate the cholera toxin ADP-ribosyltransferase. This protein is ubiquitously expressed. It may play a role in maintaining rod photoreceptor cells and regulating microtubule-dependent processes. Knockdown of ARL3 leads to altered cell morphology, failure of cytokinesis, acetylation of alpha tubulin and an increase in binucleated cells.
<b>Form</b>	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol 0.1M NaCl, 1mM DTT, 0.1mM PMSF.
<b>Molecular Mass</b>	23.0 kDa (206aa), confirmed by MALDI-TOF.
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSHMGLLSI LRKLKSAPDQ EVRILLGLD NAGKTTLLKQ LASEDISHIT PTQGFNIKSV QSQGFKLNWV DIGGQRKIRP YWKNYFENTD ILIYVIDSAD RKRFEETGQE LAELLEEEKL SCVPVLIFAN

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KQDLLTAAPA SEIAEGLNLH TIRDRVWQIQ SCSALTGEGV QDGMNWVCKN  
VNAKKK

**Purity** >95% 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** 1.0 mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** [ARL3 ADP-ribosylation factor-like 3 \[ Homo sapiens \]](#)

**Official Symbol** ARL3

**Synonyms** ARL3; ADP-ribosylation factor-like 3; ADP-ribosylation factor-like protein 3; ARFL3; ARF-like 3;

**Gene ID** [403](#)

**mRNA Refseq** [NM\\_004311](#)

**Protein Refseq** [NP\\_004302](#)

**MIM** [604695](#)

**UniProt ID** [P36405](#)

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<b>Chromosome Location</b>	10q23.3
<b>Function</b>	GDP binding; GTP binding; GTPase activity; metal ion binding; microtubule binding; nucleotide binding; protein binding;

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