

# Recombinant Human ADP-Ribosylation Factor-Like 2, His-tagged

**Cat. No.** ARL2-3392H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human ARL2 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography. MW = 23.0 kDa(204aa).
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	ARL2 belongs to the ADP-ribosylation factor (ARF) family. This protein functions as a component of a secretory pathway that is involved in the Ca <sup>2+</sup> -dependent release of acetylcholine. It plays a role in the folding of tubule proteins, thereby playing an important role in microtubule dynamics and cell cycle progression. Unlike other members of the ARF family, ARL2 does not act as an activator of the catalytic subunit of cholera toxin.
<b>Form</b>	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1 mM PMSF, 1mM DTT, 40% Glycerol.
<b>Purity</b>	> 90% by SDS - PAGE.
<b>Concentration</b>	0.25 mg/ml (determined by Bradford assay).
<b>Sequences Of Amino Acids</b>	MGSSHHHHHH SSGLVPRGSH MGLLTILKKM KQKERELRLL MLGLDNAGKT TILKKFNGED IDTISPTLGF NIKTLEHRGF KLNWDVGGQ KSLRSYWRNY FESTDGLI WV VDSADRQRMQ DCQRELQSL L VEERLAGATL LIFANKQDLP

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GALSSNAIRE ALELDSIRSH HWCIQGCSAV TGENLLPGID WLLDDISSRI FTAD.

**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.

**Fuction**

GTP binding; GTPase inhibitor activity; nucleotide binding; protein binding

## GENE INFORMATION

**Gene Name**

[ARL2 ADP-ribosylation factor-like 2 \[ Homo sapiens \]](#)

**Synonyms**

ADP-ribosylation factor-like 2;ARFL2; ARL2; ADP-ribosylation factor-like protein 2

**Gene ID**

[402](#)

**mRNA Refseq**

[NM\\_001667](#)

**Protein Refseq**

[NP\\_001658](#)

**MIM**

[601175](#)

**UniProt ID**

[P36404](#)

**Chromosome  
Location**

11q13

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