

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

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

SPECIFICATION

Product Overview	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).
Species	Human
Source	E.coli
Description	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 ²⁺ -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.
Form	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1 mM PMSF, 1mM DTT, 40% Glycerol.
Purity	> 90% by SDS - PAGE.
Concentration	0.25 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MGLLTILKKM KQKERELRLL MLGLDNAGKT TILKKFNGED IDTISPTLGF NIKTLEHRGF KLNWDVGGQ KSLRSYWRNY FESTDGLI WV VDSADRQRMQ DCQRELQSLL 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**

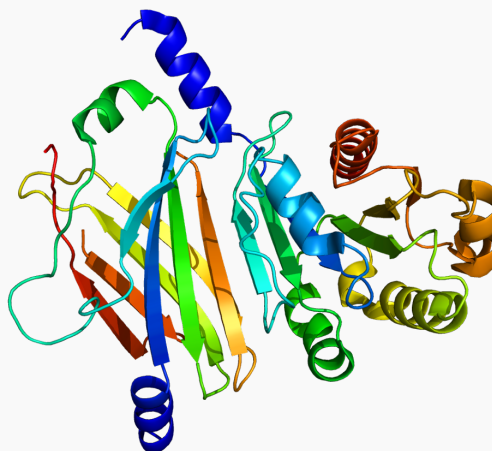
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