

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

ARL2-3392H Human

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).
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.
Source	<i>E. coli</i> .
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 SSSLVPRGSH MGLLTILKKM KQKERELRLL MLGLDNAGKT TILKKFNGED IDTISPTLGF NIKTLEHRGF KLNIVDVGQ KSLRSYWRNY FESTDGLIWW VDSADRQRMQ DCQRELQSLV VEERLAGATL LIFANKQDLP 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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