

Product information



ARL2, 1-184aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0845

Full name: ADP-ribosylation factor-like protein 2

NCBI Accession No.: AAM12602

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 Ca²⁺-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. Recombinant human ARL2 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography.

<p>Form: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1 mM PMSF, 1mM DTT, 40% Glycerol</p> <p>Molecular Weight: 23.0 kDa(204aa), confirmed by MALDI-TOF</p> <p>Purity: > 90% by SDS - PAGE</p> <p>Concentration: 0.25 mg/ml (determined by Bradford assay)</p>	<p>(kDa) 57 40 28 18 13.5</p> <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p>MGSSHHHHH SSGLVPRGSH MGLLTILKKM KQKERELRLL MLGLDNAGKT TILKKFNGED IDTISPTLGF NIKTLEHRGF KLNIDWVGQQ KSLRSYWRNY FESTDGLIWV VDSADRQRMQ DCQRELQSLV VEERLAGATL LIFANKQDLP GALSSNAIRE ALELDSIRSH HWCIQGCSAV TGENLLPGID WLLDDISSRI FTAD</p>	

General references:

Smith DF., *et al.* (2010) *Mol Biochem Parasitol.* 173(2):123-31.

Dumontet C., *et al.* (2009) *PLoS One.* 4(10):e7478.

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.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

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Avoid repeated freezing and thawing cycles.

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