

Product information

ARL5A, 1- 179 aa

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

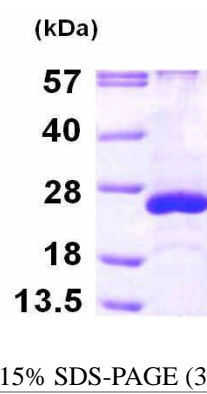
Cat. No. IBATGP0816

Full name: ADP-ribosylation factor-like 5A

NCBI Accession No.: NP_036229

Synonyms: ARFLP5, ARL5

Description: ADP-ribosylation factor-like 5A, also known ARL5A, belongs to the ARF family of GTP-binding proteins. ARFs are important in eukaryotic vesicular trafficking pathways and play an essential role in the activation of phospholipase D. Unlike many ARF family members, ARL5 is thought to lack ADP-ribosylation enhancing activity. ARL5A is developmentally regulated and may play a role in nuclear dynamics and signaling cascades during embryonic development. Recombinant human ARL5A protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p>Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 0.2mM PMSF</p> <p>Molecular Weight: 23.3 kDa (203aa) confirmed by MALDI-TOF</p> <p>Purity: > 90% by SDS - PAGE</p> <p>Concentration: 1 mg/ml (determined by Bradford assay)</p>	
<p>Sequences of amino acids:</p> <p>MGSSHHHHHH SSGLVPRGSH MGSHMGILFT RIWRLFNHQE HKVIIVGLDN AGKTTILYQF SMNEVVHTSP TIGSNVEEIV INNTRFLMWD IGGQESLRSS WNTYYTNEF VIVVVDSTDR ERISVTREEL YKMLAHEDLR KAGLLIFANK QDVKECMTVA EISQFLKLTS IKDHQWHIQA CCALTGEGLC QGLEWMSRL KIR</p>	

General references:

Harauchi T., *et al.* (2006) *Biosci Biotechnol Biochem.* 70:1798-1802.

Pasqualato S., *et al.* (2002) *EMBO Rep.* 3:1035-1041.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.