

Product information

ARL2BP, 1-163aa

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

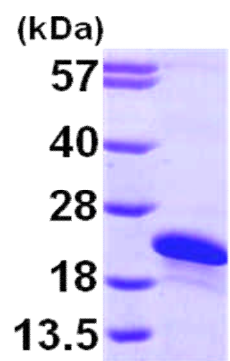
Cat. No. IBATGP0765

Full name: ADP-ribosylation factor-like 2 binding protein

NCBI Accession No.: NP_036238

Synonyms: BART, BART1

Description: ARL2BP is an effector of ADP-ribosylation factor-like 2 (ARL2) that is essential for nuclear retention of STAT3. This protein binds to ARL2.GTP with high affinity but does not interact with ARL2.GDP, activated ARF, or RHO proteins. Though predominantly cytosolic, ARL2BP can enter the mitochondria and bind the adenine nucleotide transporter when bound to ARL2. Thus it may also be involved in mitochondria transport and apoptosis. Recombinant human ARL2BP 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 (pH 7.5) containing 10% Glycerol</p> <p>Molecular Weight: 20.9 kDa (183aa), confirmed by MALDI-TOF</p> <p>Purity: > 90% by SDS - PAGE</p> <p>Concentration: 1 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><u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> MDALEGESFA LSFSSASDAE FDAVVGYLED IIMDDEFQLL QRNFMDKYLL EFEDTEENKL IYTPIFNEYI SLVEKYIEEQ LLQRIPFNM AAFSTTLQHH KDEVAGDIFD MLLTFTDFLA FKEMFLDYRA EKEGRGLDLS SGLVVTSLCK SSSLPASQNN LRH</p>	

General references:

Ding J., *et al* (2009) *Structure*. 17(4):602-10.

Kahn RA., *et al*. (1999) *J Biol Chem*. 274(39):27553-61.

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.