

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

Cat. No. ARL2BP-6904H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GCA protein, fused to His-tag at N-terminus, was expressed in <i>E. coli</i> and purified by using conventional chromatography. MW: 20.9 kDa.
Species	Human
Source	<i>E.coli</i>
ProteinLength	1-163aa
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.
Form	Liquid. In 20 mM Tris-HCl Buffer (pH 7.5) containing 10% Glycerol.
Molecular Mass	20.9 kDa (183aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MDALEGESFA LS FSSASDAE FDAVVGYLED IIMDDEFQLL QRNFMDKYLL EFEDTEENKL IYTPIFNEYI SLVEKYIEEQ LLQRIPEFNM AAFTTTLQHH KDEVAGDIFD MLLTFTDFLA FKEMFLDYRA EKEGRGLDLS SGLVVTSLCK SSSLPASQNN LRH

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>90% by SDS-PAGE
Applications	SDS-PAGE
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.
Concentration	1.0 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	ARL2BP ADP-ribosylation factor-like 2 binding protein [Homo sapiens]
Official Symbol	ARL2BP
Synonyms	ARL2BP; ADP-ribosylation factor-like 2 binding protein; ADP-ribosylation factor-like protein 2-binding protein; BART; BART1; binder of Arl2; binder of Arl Two; binder of ARF2 protein 1; ARF-like 2-binding protein; Arf-like 2 binding protein BART1;
Gene ID	23568
mRNA Refseq	NM_012106
Protein Refseq	NP_036238
UniProt ID	Q9Y2Y0
Chromosome Location	16q13
Function	protein binding; small GTPase regulator activity; transcription coactivator activity;

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