

## Recombinant Human ARL2BP, His-tagged

Cat. No. ARL2BP-2878H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human ARL2BP protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Sequence</b>	MGSSHHHHHH SSGLVPRGSH MDALEGESFA LSFSSASDAE FDAVVGYLED IIMDDEFQLL QRNFMDKYLL EFEDTEENKL IYTPIFNEYISLVEKYIEEQ LLQRIPEFNM AAFTTTTLQHH KDEVAGDIFD MLLTFTDFLA FKEMFLDYRA EKEGRGLDLS SGLVVTSLCK SSSLPASQNN LRH.
<b>Purity</b>	> 90% by SDS – PAGE.
<b>MW</b>	32.4 kDa (306aa) confirmed by MALDI-TOF.
<b>Form</b>	Liquid. In 20 mM Tris-HCl Buffer (pH 7.5) containing 10% Glycerol.

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**Concentration** 1mg/ml (determined by Bradford assay).

**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.

## GENE INFORMATION

**Gene Name** [ARL2BP ADP-ribosylation factor-like 2 binding protein \[ Homo sapiens \]](#)

**Synonyms** ARL2BP; ADP-ribosylation factor-like 2 binding protein; BART, BART1; ADP-ribosylation factor-like protein 2-binding protein; ARF-like 2-binding protein; Arf-like 2 binding protein BART1; binder of ARF2 protein 1; binder of Arl Two; binder of Arl2

**Gene ID** [23568](#)

**mRNA Refseq** [NM\\_012106](#)

**Protein Refseq** [NP\\_036238](#)

**UniProt ID** Q9Y2Y0

**Chromosome Location** 16q13

**Function** small GTPase regulator activity

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