

## ARL2BP Human

**Description:**ARL2BP Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 183 amino acids (1-163 a.a.) and having a molecular mass of 20.9kDa. The ARL2BP is purified by proprietary chromatographic techniques.

**Catalog #:**PRPS-281

For research use only.

**Synonyms:**ADP-ribosylation factor-like protein 2-binding protein, ARF-like 2-binding protein, Binder of ARF2 protein 1, ARL2BP, BART, BART1.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MDALEGESFA LSFSSASDAE  
FDAVVGYLEI IIMDDEFQLL QRNFMDKYLL EFEDTEENKL IYTIPIFNEYI SLVEKYIEEQ  
LLQRIPEFNM AAFTTTLQHH KDEVAGDIFD MLLTFTDFLA FKEMFLDYRA EKEGRGLDLS  
SGLVVTSLCK SSSLPASQNN LRH.

**Purity:**Greater than 90.0% as determined by SDS-PAGE.

**Formulation:**

The ARL2BP solution (1 mg/ml) contains 20mM Tris-HCl Buffer (pH 7.5) and 10% Glycerol.

**Stability:**

ARL2BP should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

ARL2BP is an effector of ADP-ribosylation factor-like 2(ARL2) which is vital for nuclear retention of STAT3. The ARL2BP protein binds to ARL2.GTP with high affinity but does not interact with ARL2.GDP, activated ARF, or RHO proteins. Though primarily cytosolic, ARL2BP can enter the mitochondria and bind the adenine nucleotide transporter while bound to ARL2. Accordingly, it may also be involved in mitochondria transport and apoptosis.

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