

## ARL15 Human

**Description:**ARL15 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 224 amino acids (1-204) and having a molecular mass of 25.0 kDa.ARL15 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:**PRPS-963

For research use only.

**Synonyms:**ADP-ribosylation factor-like 15, ADP-ribosylation factor related protein 2, ARFRP2, ARF-related protein 2, FLJ20051.

**Source:**E.coli.

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

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MSDLRITEAF LYMDYLCFRA  
LCCKGPPPAR PEYDLVCIGL TGSGKTSLLS KLCSESPDNV VSTTGFSIKA VPFQNAILNV  
KELGGADNIR KYWSRYQGS QGVIFVLSA SSEDDLEAAR NELHSALQHP QLCTLPFLIL  
ANHQDKPAAR SVQEIKKYFE LEPLARGKRW ILQPCSLDDM DALKDSFSQL INLLEEKDHE  
AVRM

**Purity:**Greater than 85% as determined by SDS-PAGE.

### Formulation:

The ARL15 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 10% glycerol.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple 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:

ARL15 is a member of the ARF family which are essential in eukaryotic vesicular trafficking pathways and have a vital part in the activation of phospholipase D. ARL15 variants influence levels of Acrp30, an adipocyte-derived protein that is extremely genetic and inversely related to the NeoBiolab of type 2 diabetes mellitus and coronary heart disease.

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