
Product Data Sheet

Product Name: ARL15 Human
 Cat. No.: GP22770
 Batch No.: 1

Product Data

| | | | |
|---------------------|---|--------------------|-------------------------|
| Purity | >98% | Source | E.coli. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | ADP-ribosylation factor-like 15; ADP-ribosylation factor related protein 2; ARFRP2; ARF-related protein 2; FLJ20051. | | |
| Amino Acid Sequence | MGSSHHHHHH SGLVPRGSH MSDLRITEAF LYMDYLCFRA LCCKGPPPAR PEYDLVCIGL TGSGKTSLLS KLCSESPDNV VSTTGFSIKA VPFQNAILNV KELGGADNIR KYWSRYQQGS QGVIFVLSA SSEDDLEAAR NELHSALQHP QLCTLPFLIL ANHQDKPAAR SVQEIKKYFE LEPLARGKRW ILQPCSLDDM DALKDSFSQL INLLEEKDHE AVR M | | |
| Formulation | The ARL15 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 10% glycerol. | | |

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 prospect of type 2 diabetes mellitus and coronary heart disease.

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

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chromatographic techniques.

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