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ARL11 Human

Description:ARL11 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 216 amino acids (1-196 a.a.) and having a molecular mass of 23.6kDa.ARL11 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #:PRPS-891

For research use only.

Synonyms:ADP-ribosylation factor-like protein 11, ADP-ribosylation factor-like tumor suppressor protein 1, ARL11, ARLTS1.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSVNSRGHK AEAQVVMMGL DSAGKTTLLY KLKGHQLVET LPTVGFNVEP LKAPGHVSLT LWDVGGQAPL RASWKDYLEG TDILVYVLDS TDEARLPESA AELTEVLNDP NMAGVPFLVL ANKQEAPDAL PLLKIRNRLS LERFQDHCWE LRGCSALTGE GLPEALQSLW SLLKSRSCMC LQARAHGAER GDSKRS.

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

Formulation:
ARL11 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 5mM DTT,30% glycerol, 100mM NaCl and 1mM EDTA.

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 drμgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
ARL11 (ADP-ribosylation factor-like protein 11) belongs to the ARF family of the Ras superfamily of small GTPases which are known to be involved in multiple regulatory pathways altered in human carcinogenesis. ARFs are highly conserved guanine nucleotide binding proteins which enhance the ADP-ribosyltransferase activity of choleratoxin. ARFs are important in eukaryotic vesicular trafficking pathways and they have a vital role in the activation of phospholipase D (PC-PLD). ARL11 is assumed to act as a tumor suppressor which may have a role in the regulation of apoptosis.

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