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ARL5A Human

Catalog #:PRPS-047

For research use only.

Description:ARL5A produced in E.Coli is a single, non-glycosylated polypeptide chain containing 203amino acids (1-179a.a.) and having a molecular mass of 23.3kDa.ARL5A is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms:ARL5, ARFLP5, ADP-ribosylation factor-like 5A.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSHMGILFT RIWRLFNHQE HKVIIVGLDN AGKTTILYQF SMNEVVHTSP TIGSNVEEIV INNTRFLMWD IGGQESLRSS WNTYYTNTEF VIVVVDSTDR ERISVTREEL YKMLAHEDLR KAGLLIFANK QDVKECMTVA EISQFLKLTS IKDHQWHIQA CCALTGEGLC QGLEWMMSRL KIR

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:
The ARL5A protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.2mM PMSF and 20% glycerol.

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:
ARL5A is a member of the ARF family of GTP-binding proteins. ARFs are vital in eukaryotic vesicular trafficking pathways and have a crucial part in the activation of phospholipase D. Different from ARF family members, ARL5 is believed to lack ADP-ribosylation enhancing activity. ARL5A is developmentally regulated and has a role in nuclear dynamics and signaling cascades during embryonic development.

Storage:
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.Please avoid freeze thaw cycles.

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