

ARL4A Human

Description:ARL4A Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 220 amino acids (1-200) and having a molecular mass of 24.7 kDa. The ARL4A is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Catalog #:PRPS-902

For research use only.

Synonyms:ADP-ribosylation factor-like protein 4A, ARL4A.

Source:E.coli.

Physical Appearance:Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGNGLS DQTS ILSNLP SFQS
FHIVILGLDC AGKTTVL YRL QFNEFVNTVP TKGFNTEKIK VTLGNSKTVT FHFWDVGGQE
KLRPLWKS YR RCTDGIVFV DSV DVERMEE AKTELHKITR ISENQGVPL IVANKQDLRN
SLSLSEIEKL LAMGELSSST PWHLQPTCAI IGDGLKEGLE KLHDMIKRR KMLRQQKKKR

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

Formulation:

The ARL4A solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 20% 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:

ARL4A is related Specifically to ARL6 and ARL7 and belongs to the ARF-like protein (ARL) subfamily of small GTPases. However, unlike ARFs, ARL4 does not activate the cholera toxin ADP-ribosyltransferase. ARL4A takes part in neurogenesis during embryonic development and somitogenesis in the early stages of adult spermatogenesis.

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