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ARF6 Human

Catalog #:PRPS-039

For research use only.

Description:ARF6 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 195 amino acids (1-175a.a.) and having a molecular mass of 22.2kDa.ARF6 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms:ADP-ribosylation factor 6, ARF6, DKFZp564M0264.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGKVLSKIFG NKEMRILMLG LDAAGKTTIL YKLKLGQSVT TIPTVGFNVE TVTYKNVKFN VWDVGGQDKI RPLWRHYYTG TQGLIFVVDC ADRDRIDEAR QELHRIINDR EMRDAIILIF ANKQDLPDAM KPHEIQEKLG LTRIRDRNWY VQPSCATSGD GLYEGLTWLT SNYKS

Purity: Greater than 95% as determined by SDS-PAGE.

Formulation:
The ARF6 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:
ARF6 is a part of the ADP ribosylation factor family of GTP-binding proteins. ARF6 is restricted to the plasma membrane, and controls vesicular trafficking, remodeling of membrane lipids, and signaling pathways which lead to actin remodeling. Furthermore, ARF6 is a key player in conservation of organelle integrity, assembly of coat proteins and activation of phospholipase D.

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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