

## ARF6 Human

**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.

**Catalog #:** PRPS-039

For research use only.

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

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered clear solution.

**Amino Acid Sequence:** MGSSHHHHH SSGLVPRGSH MGKVLKIFG NKEMRILMLG  
LDAAGKTTIL YKLKLGQSVT TIPTVGFNVE TVTYKNVKFN VWDVGGQDKI RPLWRHYTG  
TQGLIFVDC ADRDRIDEAR QELHRIINDR EMRDAILIF ANKQDLDPAM KPHEIQEKLK  
LTRIRDRNWW 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 drugs, 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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