

## ARF5 Human

**Description:**ARF5 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 200 amino acids (1-180 a.a) and having a molecular mass of 22.6kDa.ARF5 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:**PRPS-252

For research use only.

**Synonyms:**ADP-ribosylation factor 5, ARF5.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MGLTVSALFS RIFGKKQMRI  
LMVGLDAAGK TTILYKLLKG EIVTTIPTIG FNVETVEYKN ICFTVWDVGG QDKIRPLWRH  
YFQNTQGLIF VVDSNDRERV QESADELQKM LQEDELRLDAV LLVFANKQDM PNAMPVSELT  
DKLGLQLHRS RTWYVQATCA TQGTGLYDGL DWLSHELKSR.

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

### Formulation:

ARF5 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 20% glycerol and 0.1M NaCl.

### Stability:

ARF5 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C.Please prevent 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:

ADP-ribosylation factor 5 (ARF5) is a small guanine nucleotide-binding protein which enhances the enzymatic activities of cholera toxin. ARF-dependent regulatory mechanisms include the coordination of spectrin interactions with golgi membranes and the connection of actin to the golgi via rho family-dependent G-protein localization and WASP/Arp2/3 complexes. ARF5 is involved in vesicular transport and functioning via phospholipase D activation.

**To place an order, please [Click HERE](#).**