

# Recombinant human ARF3 protein

Catalog Number: ATGP1215

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-181aa

### UniProt No.

P61204

### NCBI Accession No.

NP\_001650

### Alternative Names

ADP-ribosylation factor 3

## PRODUCT SPECIFICATION

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### Molecular Weight

22.8 kDa (201aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 1mM DTT

### Purity

> 95% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

ARF3, also known as ADP-ribosylation factor 3, functions as an allosteric activator of the cholera toxin catalytic subunit, an ADP-ribosyltransferase. This protein involved in protein trafficking; may modulate vesicle budding and uncoating within the Golgi apparatus. Recombinant human ARF3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGNIFGNLLK SLIGKKEMRI LMVGLDAAGK TTILYKCLKG EIVTTIPTIG FNVETVEYKN

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ISFTVWDVGG QDKIRPLWRH YFQNTQGLIF VVDSNDRERV NEAREELMRM LAEDELRLDAV LLVFANKQDL PNAMNAAEIT  
DKLGLHSLRH RNWYIQATCA TSGDGLYEGL DWLANQLKNK K

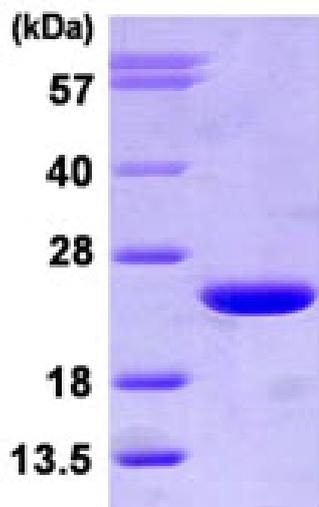
## General References

Bobak D.A., et al. (1989) Proc. Natl. Acad. Sci. u.S.A. 86:6101-6105

Takeya R., et al. (2000) Biochem. Biophys. Res. Commun. 267:149-155

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)