

# Recombinant Human ADP-Ribosylation Factor 3, His-tagged

**Cat. No.** ARF3-6867H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human ARF3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography. MW: 22.8 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-181aa
<b>Description</b>	ARF3 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.
<b>Form</b>	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT.
<b>Molecular Mass</b>	22.8 kDa (201aa), confirmed by MALDI-TOF.
<b>AA Sequence</b>	MGSSHHHHH SSGLVPRGSH MGNIFGNLLK SLIGKKEMRI LMVGLDAAGK TTILYKCLKLG EIVTTIPTIG FNVETVEYKN ISFTVWDVGG QDKIRPLWRH YFQNTQGLIF VVDSNDRERV NEAREELMRM LAEDELRLDAV LLVFANKQDL PNAMNAAEIT DKLGLHSLRH RNWYIQATCA TSGDGLYEGL DWLANQLKNK K
<b>Purity</b>	>95% by SDS - PAGE
<b>Applications</b>	SDS-PAGE

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**Storage** Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**Concentration** 1 mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** ARF3 ADP-ribosylation factor 3 [ Homo sapiens ]

**Official Symbol** ARF3

**Synonyms** ARF3; ADP-ribosylation factor 3; small GTP binding protein;

**Gene ID** 377

**mRNA Refseq** NM\_001659

**Protein Refseq** NP\_001650

**MIM** 103190

**UniProt ID** P61204

**Chromosome Location** 12q13

**Function** GTP binding; GTPase activity; nucleotide binding;

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