

Recombinant Human ARF3, His-tagged

Cat. No. ARF3-26994TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, of Human ARF3 with N terminal His tag; 201 amino acids, 22.8 kDa inclusive of tag.
Species	Human
Source	E.coli
ProteinLength	181 amino acids
Description	ADP-ribosylation factor 3 (ARF3) is a member of the human ARF gene family. These genes encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The gene products include 6 ARF proteins and 11 ARF-like proteins and constitute 1 family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2, and ARF3), class II (ARF4 and ARF5) and class III (ARF6) and members of each class share a common gene organization. The ARF3 gene contains five exons and four introns.
Conjugation	HIS
Molecular Weight	22.800kDa inclusive of tags
Form	Liquid
Purity	>95% by SDS-PAGE

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Storage buffer	pH: 8.00 Constituents: 0.32% Tris HCl, 20% Glycerol, 0.02% DTT
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHSSGLVPRGSHMGNIFGNLLKSLIGKKEMRILMVGLDAAGKTTILYKL KLGEIVTTIPTIGFNVETVEYKNISFTVWDVGGQDKIRPLWRHYFQNTQGLIFVVDNS DRERVNEAREELMRMLAEDEL RDAVLLVFANKQDLPNAMNAAEITDKLGLHSLRHR NWIYQATCATSGDGLYEGLDWLANQLKNKK
Sequence Similarities	Belongs to the small GTPase superfamily. Arf family.

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	12q13

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Location**Function**

GTP binding; GTPase activity; nucleotide binding;

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