

## Recombinant Human ARF3, GST-tagged

**Cat. No.** ARF3-9800H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ARF3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-181a.a.
<b>Description</b>	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.
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	ARF3 ADP-ribosylation factor 3 [ Homo sapiens ]
<b>Official Symbol</b>	ARF3
<b>Synonyms</b>	ARF3; ADP-ribosylation factor 3; small GTP binding protein;
<b>Gene ID</b>	377
<b>mRNA Refseq</b>	NM_001659
<b>Protein Refseq</b>	NP_001650
<b>MIM</b>	103190
<b>UniProt ID</b>	P61204
<b>Chromosome Location</b>	12q13
<b>Function</b>	GTP binding; GTPase activity; nucleotide binding;

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