

## Recombinant Human ARF5, GST-tagged

Cat. No. ARF5-9802H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human ARF5 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** 1-180a.a.

**Description** This gene is a member of the human ADP-ribosylation factor (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). The members of each class share a common gene organization.

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 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>	ARF5 ADP-ribosylation factor 5 [ Homo sapiens ]
<b>Official Symbol</b>	ARF5
<b>Synonyms</b>	ARF5; ADP-ribosylation factor 5;
<b>Gene ID</b>	381
<b>mRNA Refseq</b>	NM_001662
<b>Protein Refseq</b>	NP_001653
<b>MIM</b>	103188
<b>UniProt ID</b>	P84085
<b>Chromosome Location</b>	7q31.3
<b>Pathway</b>	Class I PI3K signaling events, organism-specific biosystem;
<b>Function</b>	GTP binding; GTPase activity; nucleotide binding; protein binding;

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