

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 ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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

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