

# Recombinant Full Length Human ARF5 Protein, GST-tagged

Cat. No. ARF5-1183HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human ARF5 full-length ORF ( NP_001653.1, 1 a.a. - 180 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	180 amino acids
<b>Description</b>	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. [provided by RefSeq, Dec 2010]
<b>Molecular Mass</b>	46.9 kDa
<b>AA Sequence</b>	MGLTVSALFS RIFGKKQMRI LMVGLDAAGK TTILYKCLKLG EIVTTIPTIG FNVETVEYKN ICFTVWDVGG QDKIRPLWRH YFQNTQGLIF VVDSNDRERV QESADELQKM LQEDELDAV LLVFANKQDM PNAMPVSELT DKLGLQLHRS RTWYVQATCA TQGTGLYDGL DWLSHELKSR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<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

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