

# Recombinant Full Length Human ARHGDI A Protein, GST-tagged

**Cat. No.** ARHGDI A-1187HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human ARHGDI A full-length ORF ( AAH16031, 1 a.a. - 204 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>	204 amino acids
<b>Description</b>	This gene encodes a protein that plays a key role in the regulation of signaling through Rho GTPases. The encoded protein inhibits the disassociation of Rho family members from GDP (guanine diphosphate), thereby maintaining these factors in an inactive state. Activity of this protein is important in a variety of cellular processes, and expression of this gene may be altered in tumors. Mutations in this gene have been found in individuals with nephrotic syndrome, type 8. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
<b>Molecular Mass</b>	48.18 kDa
<b>AA Sequence</b>	MAEQEPTAEQ LAQIAAENEE DEHSVNYKPP AQKSIQEIQE LDKDDESLRK YKEALLGRVA VSADPNVPNV VVTGLTLVCS SAPGPLELDL TGDLESFKKQ SFVLKEGVEY RIKISFRVNR EIVSGMKYIQ HTYRKGVKID KTDYMVGSYG PRAEYEFLLT PVEEAPKGML ARGSYSIKSR FTDDDKTDHL SWEWNLTIKK DWKD

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<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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	ARHGDI Rho GDP dissociation inhibitor (GDI) alpha [ Homo sapiens ]
<b>Official Symbol</b>	ARHGDI
<b>Synonyms</b>	ARHGDI; Rho GDP dissociation inhibitor (GDI) alpha; GDIA1; rho GDP-dissociation inhibitor 1; RHOGDI; rho GDI 1; rho-GDI alpha; RHOGDI-1; MGC117248
<b>Gene ID</b>	396
<b>mRNA Refseq</b>	NM_001185077
<b>Protein Refseq</b>	NP_001172006
<b>MIM</b>	601925
<b>UniProt ID</b>	P52565

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