Recombinant Human ARHGDIA protein, GST-tagged

Cat. No. ARHGDIA-774H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARHGDIA full-length ORF (AAH16031, 1 a.a. - 204 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	48.18 kDa
AA Sequence	MAEQEPTAEQLAQIAAENEEDEHSVNYKPPAQKSIQEIQELDKDDESLRKYKEALLG RVAVSADPNVPNVVVTGLTLVCSSAPGPLELDLTGDLESFKKQSFVLKEGVEYRIKIS FRVNREIVSGMKYIQHTYRKGVKIDKTDYMVGSYGPRAEEYEFLTPVEEAPKGMLAR GSYSIKSRFTDDDKTDHLSWEWNLTIKKDWKD
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ARHGDIA Rho GDP dissociation inhibitor (GDI) alpha [Homo sapiens]
Official Symbol	ARHGDIA
Synonyms	ARHGDIA; Rho GDP dissociation inhibitor (GDI) alpha; GDIA1; rho GDP-dissociation inhibitor 1; RHOGDI; rho GDI 1; rho-GDI alpha; RHOGDI-1; MGC117248;
Gene ID	396
mRNA Refseq	NM_001185077
Protein Refseq	NP_001172006
MIM	601925
UniProt ID	P52565

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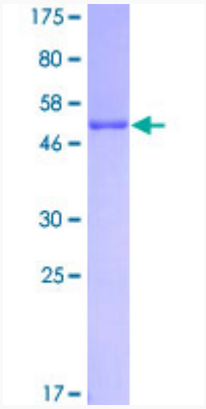

12.5% SDS-PAGE Stained with Coomassie Blue.

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