

Recombinant Human ARHGDIA Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ARHGDIA-2016H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ARHGDIA MS Standard C13 and N15-labeled recombinant protein (NP_004300) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	23.2 kDa
AA Sequence	MAEQEPTAEQLAQIAAENEDEHSVNYKPPAQKSIQEIQLDKDDESLRKYKEALLG RVAVSADPNVPNVVVTGLTLVCSSAPGPLELDLTGDLESFKKQSFVLKEGVEYRIKIS FRVNREIVSGMKYIQHTYRKGVKIDKTDYMGVSGYPRAEEYEFLTPVEEAPKGMRLAR GSYSIKSRFTDDDKTDHLSWEWNLTIKKDWKDTTRTRPLEQKLISEEDLAANDILDYK DDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

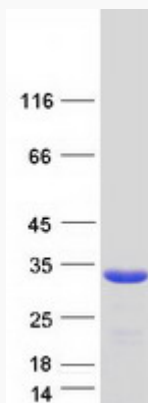
Gene Name	ARHGDIA Rho GDP dissociation inhibitor alpha [Homo sapiens (human)]
Official Symbol	ARHGDIA
Synonyms	ARHGDIA; Rho GDP dissociation inhibitor (GDI) alpha; GDIA1; rho GDP-dissociation inhibitor 1; RHOGDI; rho GDI 1; rho-GDI alpha; RHOGDI-1; MGC117248;
Gene ID	396
mRNA Refseq	NM_004309
Protein Refseq	NP_004300
MIM	601925
UniProt ID	P52565

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SDS-PAGE



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