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

Cat. No. ARHGDIB-3480H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ARHGDIB MS Standard C13 and N15-labeled recombinant protein (NP_001166) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Members of the Rho (or ARH) protein family and other Ras-related small GTP-binding proteins are involved in diverse cellular events, including cell signaling, proliferation, cytoskeletal organization, and secretion. The GTP-binding proteins are active only in the GTP-bound state. At least 3 classes of proteins tightly regulate cycling between the GTP-bound and GDP-bound states: GTPase-activating proteins (GAPs), guanine nucleotide-releasing factors (GRFs), and GDP-dissociation inhibitors (GDIs). The GDIs, including ARHGDIB, decrease the rate of GDP dissociation from Ras-like GTPases.
Molecular Mass	23 kDa
AA Sequence	MTEKAPEPHVEEDDDDELDSKLNYKPPPQKSLKELQEMDKDDESLIKYKKTLLGDG PVVTDPKAPNVVVTRLTLVCESAPGPITMDLTGDLEALKKETIVLKEGSEYRVKIHFK VNRDIVSGLKYVQHTYRTGVKVDKATFMVGSYGPRPEEYEFLTPVEEAPKGMLARG TYHNKSFFTDDDKQDHLSWEWNLSIKKEWTETRTRPLEQKLISEEDLAANDILDYKD DDDKV

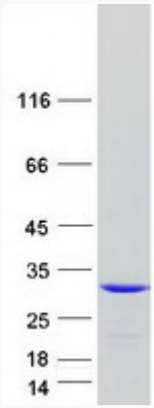
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration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

GENE INFORMATION

Gene Name	ARHGDIB Rho GDP dissociation inhibitor beta [Homo sapiens (human)]
Official Symbol	ARHGDIB
Synonyms	ARHGDIB; Rho GDP dissociation inhibitor (GDI) beta; GDIA2, GDID4, RAP1GN1; rho GDP-dissociation inhibitor 2; Ly GDI; RhoGDI2; Rho GDI 2; rho-GDI beta; D4; GDIA2; GDID4; LYGDI; Ly-GDI; RAP1GN1;
Gene ID	397
mRNA Refseq	NM_001175
Protein Refseq	NP_001166
MIM	602843
UniProt ID	P52566

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SDS-PAGE	

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