

Recombinant Human ARHGDIB 293 Cell Lysate

Cat. No. ARHGDIB-8735HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for Rho GDP dissociation inhibitor (GDI) beta (ARHGDIB) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

ARHGDIB Rho GDP dissociation inhibitor (GDI) beta [Homo sapiens]

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

**Chromosome
Location**

12p12.3

Pathway

Caspase cascade in apoptosis, organism-specific biosystem; FAS pathway and Stress induction of HSP regulation, organism-specific biosystem; G13 Signaling Pathway, organism-specific biosystem; Neurotrophin signaling pathway, organism-specific biosystem; Neurotrophin signaling pathway, conserved biosystem; Regulation

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of RhoA activity, organism-specific biosystem; Rho GTPase cycle, organism-specific biosystem;

Function

GTPase activator activity; Rho GDP-dissociation inhibitor activity;

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