

Recombinant Human RHOD 293 Cell Lysate

Cat. No. RHOD-2350HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for ras homolog gene family, member D (RHOD) 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

RHOD ras homolog family member D [Homo sapiens]

Official Symbol

RHOD

Synonyms

RHOD; ras homolog family member D; ARHD, ras homolog gene family, member D; rho-related GTP-binding protein RhoD; Rho; Rho related GTP binding protein RhoD; Rho related protein HP1; RhoD; RhoHP1; ras homolog D; Rho-related protein HP1; ras homolog gene family, member A; ras homolog gene family, member D; ARHD; RHOM; RHOHP1;

Gene ID

29984

mRNA Refseq

NM_014578

Protein Refseq

NP_055393

MIM

605781

UniProt ID

O00212

**Chromosome
Location**

11q14.3

Pathway

Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-

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specific biosystem; Signaling by Rho GTPases, organism-specific biosystem;

Function

GTP binding; GTPase activity; nucleotide binding;

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