Recombinant Human RHOJ 293 Cell Lysate

Cat. No. RHOJ-2348HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for ras homolog gene family, member J (RHOJ) 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	RHOJ ras homolog family member J [Homo sapiens]
Official Symbol	RHOJ
Synonyms	RHOJ; ras homolog family member J; ARHJ, ras homolog gene family, member J , RAS like, family 7, member B , RASL7B; rho-related GTP-binding protein RhoJ; FLJ14445; TCL; TC10-like Rho GTPase; RAS-like, family 7, member B; tc10-like GTP-binding protein; ras homolog gene family, member J; ras-like protein family member 7B; ARHJ; TC10B; RASL7B; MGC34777;
Gene ID	57381
mRNA Refseq	NM_020663
Protein Refseq	NP_065714
MIM	607653
UniProt ID	Q9H4E5
Chromosome Location	14q23.1
Pathway	Insulin Signaling, organism-specific biosystem; Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by Rho

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	GTPases, organism-specific biosystem;
Function	GTP binding; GTPase activity; nucleotide binding;

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