

Recombinant Human RAP1B 293 Cell Lysate

Cat. No. RAP1B-2528HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for RAP1B, member of RAS oncogene family (RAP1B), transcript variant 1 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

RAP1B RAP1B, member of RAS oncogene family [Homo sapiens]

Official Symbol

RAP1B

Synonyms

RAP1B; RAP1B, member of RAS oncogene family; ras-related protein Rap-1b; DKFZp586H0723; K REV; RAL1B; RAS-related protein RAP1B; small GTP binding protein; GTP-binding protein smg p21B; Ras family small GTP binding protein RAP1B; K-REV; FLJ18601;

Gene ID

5908

mRNA Refseq

NM_001010942

Protein Refseq

NP_001010942

MIM

179530

UniProt ID

P61224

Chromosome Location

12q14

Pathway

Adaptive Immune System, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Focal

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Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem;
Focal adhesion, conserved biosystem;

Function

GDP binding; GTP binding; GTPase activity; nucleotide binding; protein binding;

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