

Recombinant Human RAB14 293 Cell Lysate

Cat. No. RAB14-2627HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for RAB14, member RAS oncogene family (RAB14) 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	RAB14 RAB14, member RAS oncogene family [Homo sapiens]
Official Symbol	RAB14
Synonyms	RAB14; RAB14, member RAS oncogene family; ras-related protein Rab-14; bA165P4.3 (member RAS oncogene family); F protein binding protein 1; FBP; RAB 14; small GTP binding protein RAB14; F protein-binding protein 1; RAB-14;
Gene ID	51552
mRNA Refseq	NM_016322
Protein Refseq	NP_057406
MIM	612673
UniProt ID	P61106
Chromosome Location	9q32-q34.11
Function	GDP binding; GTP binding; GTPase activity; GTPase activity; glycoprotein binding; nucleotide binding; protein binding;

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