

Recombinant Human RAB7A 293 Cell Lysate

Cat. No. RAB7A-2583HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for RAB7A, member RAS oncogene family (RAB7A) 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

RAB7A RAB7A, member RAS oncogene family [Homo sapiens]

Official Symbol

RAB7A

Synonyms

RAB7A; RAB7A, member RAS oncogene family; RAB7, RAB7, member RAS oncogene family; ras-related protein Rab-7a; Ras-associated protein RAB7; RAB7, member RAS oncogene family; RAB7; PRO2706; FLJ20819;

Gene ID

7879

mRNA Refseq

NM_004637

Protein Refseq

NP_004628

MIM

602298

UniProt ID

P51149

**Chromosome
Location**

3q21

Pathway

Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; IL12-mediated signaling events, organism-specific biosystem; Phagosome, organism-specific biosystem; Phagosome, conserved biosystem;

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Function

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

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