Recombinant Human RAB8A 293 Cell Lysate

Cat. No. RAB8A-2580HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for RAB8A, member RAS oncogene family (RAB8A) 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	RAB8A RAB8A, member RAS oncogene family [Homo sapiens]
Official Symbol	RAB8A
Synonyms	RAB8A; RAB8A, member RAS oncogene family; MEL, mel transforming oncogene (derived from cell line NK14); ras-related protein Rab-8A; RAB8; oncogene c-mel; ras-associated protein RAB8; mel transforming oncogene (RAB8 homolog); mel transforming oncogene (derived from cell line NK14); mel transforming oncogene (derived from cell line NK14)- RAB8 homolog; MEL;
Gene ID	4218
mRNA Refseq	NM_005370
Protein Refseq	NP_005361
MIM	165040
UniProt ID	P61006
Chromosome Location	19p13.2-p13.1
Pathway	Pancreatic secretion, organism-specific biosystem; Pancreatic secretion, conserved biosystem;

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Function	GTP binding; nucleotide binding; protein binding;

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