

Recombinant Human REC8 293 Cell Lysate

Cat. No. REC8-2432HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for REC8 homolog (yeast) (REC8), transcript variant 2 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.
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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name [REC8 REC8 homolog \(yeast\) \[Homo sapiens \]](#)

Official Symbol REC8

Synonyms REC8; REC8 homolog (yeast); REC8 like 1 (yeast) , REC8L1; meiotic recombination protein REC8 homolog; Rec8p; REC8-like 1; cohesin Rec8p; cohesion rec8p; human homolog of rad21, S. pombe; meiotic recombination protein REC8-like 1; recombination and sister chromatid cohesion protein homolog; meiotic recombination and sister chromatid cohesion phosphoprotein of the rad21p family; REC8L1; HR21spB; MGC950;

Gene ID [9985](#)

mRNA Refseq [NM_001048205](#)

Protein Refseq [NP_001041670](#)

MIM [608193](#)

UniProt ID [O95072](#)

Chromosome Location 14q11.2-q12

Pathway Cell Cycle, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; Meiosis, organism-specific biosystem; Meiotic Synapsis, organism-specific biosystem; Oocyte meiosis, organism-specific biosystem; Oocyte

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meiosis, conserved biosystem;

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