

Recombinant Human REC8 293 Cell Lysate

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

SPECIFICATION

Product Overview

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 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-

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specific biosystem; Meiosis, organism-specific biosystem; Meiotic Synapsis, organism-specific biosystem; Oocyte meiosis, organism-specific biosystem; Oocyte meiosis, conserved biosystem;

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