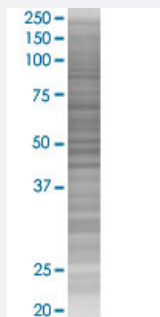


REC8 (pCD) 293T Cell Transient Overexpression Lysate(Denatured)

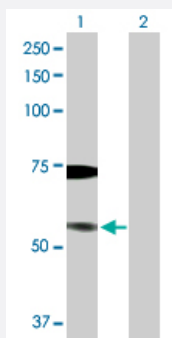
Catalog # H00009985-T02 Size 100 uL

Applications



SDS-PAGE Gel

REC8 transfected lysate.



Western Blot

Lane 1: REC8 transfected lysate (62.70 KDa)

Lane 2: Non-transfected lysate.

Specification

Product Description

Transfected Cell Line	293T
Plasmid	pCMV-REC8 (pCMV) full-length
Host	Human
Theoretical MW (kDa)	62.7
Interspecies Antigen Sequence	Mouse (70); Rat (70)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-REC8L1 (pCD) antibody ([H00009985-B01](#)) by Western Blots.
SDS-PAGE Gel
REC8 transfected lysate.
Western Blot
Lane 1: REC8 transfected lysate (62.70 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — REC8

Entrez GeneID[9985](#)**GeneBank Accession#**[BC004159](#)**Protein Accession#**[AAH04159.1](#)**Gene Name**

REC8

Gene Alias

HR21spB, MGC950, REC8L1, Rec8p

Gene Description

REC8 homolog (yeast)

Omim ID[608193](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the kleisin family of SMC (structural maintenance of chromosome) protein partners. The protein localizes to the axial elements of chromosomes during meiosis in both oocytes and spermatocytes. In the mouse, the homologous protein is a key component of the meiotic cohesion complex, which regulates sister chromatid cohesion and recombination between homologous chromosomes. Multiple alternatively spliced variants, encoding the same protein, have been found for this gene. [provided by RefSeq]

Other Designations

REC8 homolog|REC8-like 1|cohesion rec8p|human homolog of rad21, S. pombe|meiotic recombination and sister chromatid cohesion phosphoprotein of the rad21p family|meiotic recombination protein REC8-like 1|recombination and sister chromatid cohesion protein

Disease

- [Azoospermia](#)
- [Genetic Predisposition to Disease](#)
- [Oligospermia](#)