

# Recombinant Mouse Rec8 Protein (Met1-Pro591), N-GST tagged

**Cat. No.** Rec8-6787M    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant mouse Rec8 (Met1-Pro591) fused with the N-terminal GST tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Pro591
<b>Description</b>	Predicted to enable chromatin binding activity. Acts upstream of or within several processes, including gamete generation; seminiferous tubule development; and synaptonemal complex assembly. Located in kinetochore; lateral element; and male germ cell nucleus. Part of nuclear meiotic cohesin complex. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; respiratory system; and sensory organ. Orthologous to human REC8 (REC8 meiotic recombination protein).
<b>Form</b>	Lyophilized powder
<b>Molecular Mass</b>	91.01 kDa
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Notes</b>	For research use only.

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**Storage** Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

**Storage Buffer** Supplied as solution form in TBS, pH 8.0 or lyophilized from TBS, pH 8.0.

**Shipping** They are shipped out with blue ice unless customers require otherwise.

## GENE INFORMATION

**Gene Name** [Rec8 REC8 meiotic recombination protein \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Rec8](#)

**Synonyms** Rec8; REC8 meiotic recombination protein; mrec; Rec8L1; meiotic recombination protein REC8 homolog; REC8-like 1; cohesin Rec8p; meiotic cohesion Rec8

**Gene ID** [56739](#)

**mRNA Refseq** [NM\\_020002](#)

**Protein Refseq** [NP\\_064386](#)

**UniProt ID** [Q8C5S7](#)

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