

## Recombinant Mouse Prss21 Protein, His&GST-tagged

Cat. No. Prss21-1993M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Prss21 Protein (Val56-Ala324) with N-His&GST tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val56-Ala324
<b>Description</b>	Enables serine-type endopeptidase activity. Predicted to be involved in proteolysis and spermatogenesis. Located in membrane. Is expressed in ovary; secondary spermatocyte; and testis. Orthologous to human PRSS21 (serine protease 21).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 60.3 kDa Accurate Molecular Mass: 60 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in PBS or others.

## GENE INFORMATION

**Gene Name**

Prss21 protease, serine 21 [ *Mus musculus* (house mouse) ]

**Official Symbol**

Prss21

**Synonyms**

Prss21; protease, serine 21; mT4; TESP5; testisin; 1700023E12Rik; testisin; serine protease 21; testicular serine protease 5; tryptase 4

**Gene ID**

57256

**mRNA Refseq**

NM\_020487

**Protein Refseq**

NP\_065233

**UniProt ID**

Q80YD8

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