

Recombinant Mouse Prss21 Protein, His&GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Prss21 Protein (Val56-Ala324) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Val56-Ala324
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 60.3 kDa Accurate Molecular Mass: 60 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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

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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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