

Recombinant Rat Prss16 Protein, His-tagged

Cat. No. Prss16-393R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Prss16 Protein (Lys57-Leu328) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Lys57-Leu328
Description	Predicted to enable dipeptidyl-peptidase activity. Predicted to be involved in proteolysis. Predicted to be active in endosome and lysosome. Orthologous to human PRSS16 (serine protease 16).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.5 kDa Accurate Molecular Mass: 31 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, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Prss16 protease, serine, 16 (thymus) [*Rattus norvegicus* (Norway rat)]

Official Symbol

Prss16

Synonyms

PRSS16; protease, serine, 16 (thymus); thymus-specific serine protease; MGC125068

Gene ID

364719

mRNA Refseq

NM_001033710

Protein Refseq

NP_001028882

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