

Recombinant Rat Prss2 Protein, His-tagged

Cat. No. Prss2-1992R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Prss2 Protein (Val35-Thr242) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Val35-Thr242
Description	Predicted to enable calcium ion binding activity and serine-type endopeptidase activity. Involved in response to nutrient. Predicted to be located in extracellular region. Predicted to be active in extracellular space. Orthologous to human PRSS3 (serine protease 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26 kDa Accurate Molecular Mass: 26&30&27 kDa
Purity	> 97%
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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

48h, and no obvious degradation and precipitation were observed. The loss rate is 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

[Prss2 protease, serine, 2 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Prss2](#)

Synonyms

PRSS2; protease, serine, 2; anionic trypsin-2; pretrypsinogen II; serine protease 2; anionic trypsin II; pancreatic trypsin 2; pancreatic trypsin II; Ptyr2;

Gene ID

[25052](#)

mRNA Refseq

[NM_012729](#)

Protein Refseq

[NP_036861](#)

UniProt ID

[P00763](#)

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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