

Recombinant Chicken PRSS3 Protein, His-tagged

Cat. No. PRSS3-395C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken PRSS3 Protein (Phe16-Asn248) with N-His tag was expressed in E. coli.
Species	Chicken
Source	E.coli
ProteinLength	Phe16-Asn248
Description	Has activity against the synthetic substrates Boc-Phe-Ser-Arg-Mec, Boc-Leu-Thr-Arg-Mec, Boc-Gln-Ala-Arg-Mec and Boc-Val-Pro-Arg-Mec. The single-chain form is more active than the two-chain form against all of these substrates.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.2 kDa Accurate Molecular Mass: 28 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

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 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

PRSS3 protease, serine, 3 [Gallus gallus (chicken)]

Official Symbol

PRSS3

Synonyms

PRSS3; protease, serine, 3; PRSS2; trypsin I-P1; protease, serine, 2 (trypsin 2); trypsin I-P38; trypsinogen; EC 3.4.21.4

Gene ID

396345

mRNA Refseq

NM_205385

Protein Refseq

NP_990716

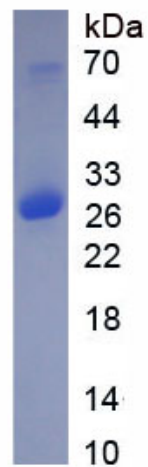
UniProt ID

Q90627

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