

# Recombinant Mouse Prss2 protein, His-tagged

**Cat. No.** Prss2-7092M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Prss2 aa. (Thr29~Gln240) fused with N-terminal His tag was produced in E. coli cells.                                                                                                                                                     |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | Thr29~Gln240                                                                                                                                                                                                                                                |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 26kDa as determined by SDS-PAGE reducing conditions                                                                                                                                                                                                         |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                               |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                        |
| <b>Characteristic</b>   | The isoelectric point is 5.7.                                                                                                                                                                                                                               |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.                                                                                                                                                                      |
| <b>Stability</b>        | The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. |

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(Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

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

**Concentration**

200ug/mL

**Storage buffer**

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

**Reconstitution**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

## GENE INFORMATION

**Gene Name**

Prss2 protease, serine 2 [ *Mus musculus* (house mouse) ]

**Official Symbol**

Prss2

**Synonyms**

Prss2; protease, serine 2; Ta; TRY8; TRYP; Try2; Tsp4; anionic trypsin-2; anionic trypsin II; pretrypsinogen II; serine protease 2; trypsin 2; trypsinogen 20

**Gene ID**

22072

**mRNA Refseq**

NM\_009430.2

**Protein Refseq**

NP\_033456.1

**UniProt ID**

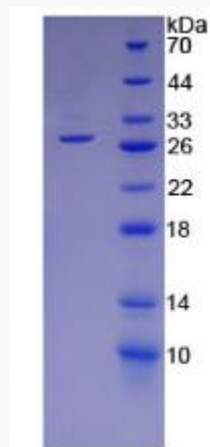
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SDS-PAGE



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