

## Recombinant Rat PRSS2 Protein (24-246 aa), His-tagged

**Cat. No.** PRSS2-2690R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat PRSS2 Protein (24-246 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cell Biology. Protein Description: Full Length of Mature Protein.                  |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                           |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 24-246 aa                                                                                                                                                                                                                                     |
| <b>Form</b>             | Tris-based buffer,50% glycerol                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 25.3 kDa                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | IVGGYTCQENSVPYQVSLNSGYHFCGGSLINDQWVVSAAHCYKSRIQVRLGEHNIN<br>VLEGNEQFVNAAKIIKHPNFDRKTLNNDIMLIKLSPPVKLNARVATVALPSSCAPAGT<br>QCLISGWGNTLSSGVNEPDLLQCLDAPLLPQADCEASYPGKITDNMVCVGFLEGGK<br>DSCQGDSSGGPVVCNGELQGIVSWGYGICALPDNPGVYTKVCNYVDWIQDTIAAN |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                              |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                  |
| <b>Storage</b>          | The shelf life is related to many factors, storage state, buffer ingredients, storage                                                                                                                                                         |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration**

A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

**Gene Name** Prss2 protease, serine, 2 [ Rattus norvegicus ]

**Official Symbol** PRSS2

**Synonyms** PRSS2; anionic trypsin-2; pretrypsinogen II; serine protease 2; pancreatic trypsin II; Ptryss2;

**Gene ID** 25052

**mRNA Refseq** NM\_012729

**Protein Refseq** NP\_036861

**UniProt ID** P00763

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