

## Recombinant Human PRSS1 protein, His&Myc-tagged

**Cat. No.** PRSS1-3373H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PRSS1 protein(P07477)(24-247aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 24-247aa                                                                                                                                                                                                                                         |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p> |
| <b>Molecular Mass</b>   | 31.6 kDa                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | IVGGYNCEENSVPYQVSLNSGYHFCGGSLINEQWVVSAGHCYKSRIQVRLGEHNIE<br>VLEGNEQFINAAKIIIRHPQYDRKTLNNDIMLIKLSRAVINARVSTISLPTAPPATGTKC<br>LISGWGNTASSGADYPDELQCLDAPVLSQAKCEASYPGKITSNMFCVGFLEGGKDS<br>CQGDSGGPVVCNGQLQGVVSWGDGCAQKNKPGVYTKVYNYVKWIKNTIAANS     |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                   |

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**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

**GENE INFORMATION**

**Gene Name** [PRSS1 protease, serine, 1 \(trypsin 1\) \[ Homo sapiens \]](#)

**Official Symbol** [PRSS1](#)

**Synonyms** PRSS1; protease, serine, 1 (trypsin 1); TRY1; trypsin-1; beta-trypsin; trypsinogen 1; trypsinogen A; digestive zymogen; cationic trypsinogen; nonfunctional trypsin 1; TRP1; TRY4; TRYP1; FLJ57296; MGC120175; MGC149362; DKFZp779A0837;

**Gene ID** [5644](#)

**mRNA Refseq** [NM\\_002769](#)

**Protein Refseq** [NP\\_002760](#)

**MIM** [276000](#)

**UniProt ID** [P07477](#)

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