

## Recombinant Human PRSS2 protein, His-SUMO-tagged

Cat. No. PRSS2-1367H    Lot. No. (See product label)

### SPECIFICATION

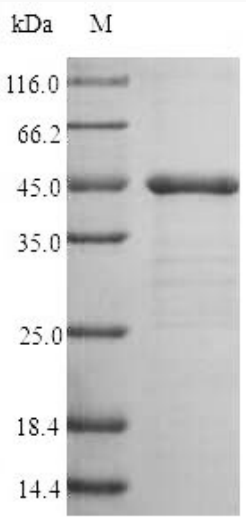
|                         |                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PRSS2 protein(P07478)(24-247aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 24-247aa                                                                                                                                                                                                                           |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 37.0 kDa                                                                                                                                                                                                                           |
| <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.                                                                                                                     |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                      |

### GENE INFORMATION

 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

|                        |                                                                                                                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PRSS2 protease, serine, 2 (trypsin 2) [ Homo sapiens ]                                                                                                                                                                                                    |
| <b>Official Symbol</b> | PRSS2                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>        | PRSS2; protease, serine, 2 (trypsin 2); trypsin-2; TRY2; trypsin 2; trypsin II; trypsinogen 2; serine protease 2; anionic trypsinogen; protease serine 2 preproprotein; protease, serine, 2, preproprotein; TRY8; TRYP2; MGC111183; MGC120174; MGC120175; |
| <b>Gene ID</b>         | 5645                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_002770                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>  | NP_002761                                                                                                                                                                                                                                                 |
| <b>MIM</b>             | 601564                                                                                                                                                                                                                                                    |
| <b>UniProt ID</b>      | P07478                                                                                                                                                                                                                                                    |
| <b>SDS-PAGE</b>        |                                                                                                                                                                       |

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