

## Recombinant Human TMPRSS11D protein, His-tagged

**Cat. No.** TMPRSS11D-2218H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TMPRSS11D protein(NP_004253.1)(Ile187-Ile417), fused with His tag, was expressed in HEK293.                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Ile187-Ile417                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                    |
| <b>Molecular Mass</b>   | The recombinant human TMPRSS11D consists of 251 amino acids and predicts a molecular mass of 27.6 kDa.                                                                                                                                            |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                          |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE.                                                                                                                                                                                                                 |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. 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.                                                                     |

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**GENE INFORMATION**

|                        |                                                                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TMPRSS11D transmembrane protease, serine 11D [ Homo sapiens ]                                                                                                            |
| <b>Official Symbol</b> | TMPRSS11D                                                                                                                                                                |
| <b>Synonyms</b>        | TMPRSS11D; transmembrane protease, serine 11D; transmembrane protease serine 11D; airway trypsin like protease; airway trypsin-like protease; HAT; MGC150587; MGC150588; |
| <b>Gene ID</b>         | 9407                                                                                                                                                                     |
| <b>mRNA Refseq</b>     | NM_004262                                                                                                                                                                |
| <b>Protein Refseq</b>  | NP_004253                                                                                                                                                                |
| <b>MIM</b>             | 605369                                                                                                                                                                   |
| <b>UniProt ID</b>      | O60235                                                                                                                                                                   |

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