

## Recombinant Human PRSS36 Protein, His-tagged

**Cat. No.** PRSS36-2632H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PRSS36 Protein (Leu590-Gly808) with a N-His tag was expressed in E. coli.                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                        |
| <b>ProteinLength</b>    | Leu590-Gly808                                                                                                                                                                 |
| <b>Description</b>      | Enables serine-type endopeptidase activity. Predicted to be involved in proteolysis. Located in cytoplasm.                                                                    |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                           |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 27.0 kDa<br>Accurate Molecular Mass: 27 kDa                                                                                                         |
| <b>Endotoxin</b>        | <1.0 EU per 1g (determined by the LAL method).                                                                                                                                |
| <b>Purity</b>           | > 90%                                                                                                                                                                         |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                    |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for |

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|                       |                                                                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                       | 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.                                   |
| <b>Storage Buffer</b> | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.                                                            |
| <b>Reconstitution</b> | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                              |

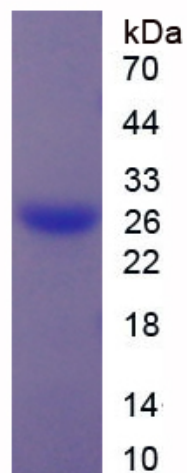
## GENE INFORMATION

|                        |                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PRSS36 protease, serine, 36 [ Homo sapiens (human) ]                                                                                  |
| <b>Official Symbol</b> | PRSS36                                                                                                                                |
| <b>Synonyms</b>        | PRSS36; protease, serine, 36; polyserase-2; FLJ90661; polyserase 2; serine protease 36; polyserine protease 2; polyserine protease-2; |
| <b>Gene ID</b>         | 146547                                                                                                                                |
| <b>mRNA Refseq</b>     | NM_001258290                                                                                                                          |
| <b>Protein Refseq</b>  | NP_001245219                                                                                                                          |
| <b>MIM</b>             | 610560                                                                                                                                |
| <b>UniProt ID</b>      | Q5K4E3                                                                                                                                |

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