

## Active Recombinant Human PRSS8 Protein, His-tagged

Cat. No. PRSS8-518H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PRSS8 (Accession # NP_002764) Ala33-Gly319, fused with a C-terminal 10-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	Ala33-Gly319
<b>Predicted N Terminal</b>	Ala33 & Ile45
<b>Form</b>	Supplied as a 0.2 µm filtered solution in Tris, NaCl and CaCl <sub>2</sub> .
<b>Bio-activity</b>	Measured by its ability to cleave the fluorogenic peptide substrate Boc-QAR-AMC. The specific activity is >10 pmol/min/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Human PRSS8, His-tagged has a calculated MW of 32 kDa (Pro) & 31 kDa (Mature). In SDS-PAGE migrates as 39 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

**Reconstitution**

Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

## GENE INFORMATION

**Gene Name**

PRSS8 protease, serine, 8 [ Homo sapiens ]

**Official Symbol**

PRSS8

**Synonyms**

PRSS8; protease, serine, 8; prostatic; serine protease 8; channel-activating protease 1; CAP1; PROSTASIN;

**Gene ID**

5652

**mRNA Refseq**

NM\_002773

**Protein Refseq**

NP\_002764

**MIM**

600823

**UniProt ID**

Q16651

**Chromosome**

16p11.2

**Location**

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