

Active Recombinant Human PRSS8 Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	CHO
ProteinLength	Ala33-Gly319
Predicted N Terminal	Ala33 & Ile45
Form	Supplied as a 0.2 μ filtered solution in Tris, NaCl and CaCl ₂ .
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate Boc-QAR-AMC. The specific activity is >10 pmol/min/μg, as measured under the described conditions.
Molecular Mass	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.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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
Location**

16p11.2

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