

Recombinant Human PRSS8 protein, His-tagged

Cat. No. PRSS8-1994H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRSS8 protein(26-325 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	26-325 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	SGTGAEGAEAPCGVAPQARITGGSSAVAGQWPWQVSITYEGVHVCGGSLVSEQW VLSAAHCFPSEHHKEAYEVKLGAHQLDSEDAKVSTLKDIIHPHSYLQEGSQGDIAL LQLSRPITFSRYIRPICLPAANASFPNGLHCTVTGWGHVAPSVSLLTPKPLQQLEVPLI SRETCNCLYNIDAKPEEPHFVQEDMVCAGYVEGGKDACQGDGGPLSCPVEGLWY LTGIVSWG DACGARNRPGVYTLASSYASWISQSVTELQPRVVPQTQESQPDSNLC GSHLAFSSAPAQGLLRPIL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name

PRSS8 protease, serine, 8 [Homo sapiens]

Official Symbol

PRSS8

Synonyms

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

Gene ID

5652

mRNA Refseq

NM_002773

Protein Refseq

NP_002764

MIM

600823

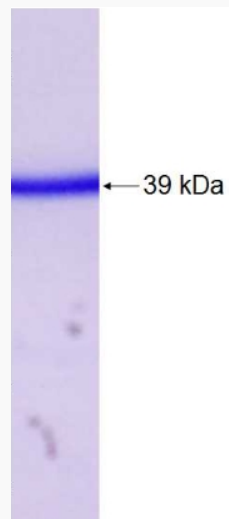
UniProt ID

Q16651

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SDS-PAGE

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