



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### PRSS8 (Human) Recombinant Protein (P01)

**Catalog Number:** H00005652-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human PRSS8 full-length ORF (AAH01462, 1 a.a. - 343 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAQKGVLGPGQLGAVAILLYLGLLRSGTGAEGAEAPC  
GVAPQARITGGSSAVAGQWPWQVSITYEGVHVCGGS  
LVSEQWVLSAAHCFPSEHHKEAYEVKLGALHQLDSYSE  
DAKVSTLKDIIHPHSYLQEGSQGDIALQLSRPITFSRYI  
RPICLPAANASFPNGLHCTVTGWGHVAPSVSLLTPKPL  
QQLEVPLISRETCNCLYNIDAKPEEPHFVQEDMVCAG  
YVEGGKDACQGDSGGPLSCPVEGLWYLTGIVSWGDA  
CGARNRPGVYTLASSYASWIQSKVTELQPRVVPQTQE  
SQPDSNLGSHLAFSSAPAQGLLRPILFLPLGLALGLL  
SPWLSEH

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 63.47

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 5652

**Gene Symbol:** PRSS8

**Gene Alias:** CAP1, PROSTASIN

**Gene Summary:** This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is highly expressed in prostate epithelia and is one of several proteolytic enzymes found in seminal fluid. The proprotein is cleaved to produce a light chain and a heavy chain which are associated by a disulfide bond. It is active on peptide linkages involving the carboxyl group of lysine or arginine. [provided by RefSeq]

**References:**

1. Prostasin-dependent activation of epithelial Na<sup>+</sup> channels by low plasmin concentrations. Svenningsen P, Uhrenholt TR, Palarasah Y, Skjoedt K, Jensen BL, Skott O. *Am J Physiol Regul Integr Comp Physiol.* 2009 Sep 30. [Epub ahead of print]