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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PRSS1 (Human) Recombinant Protein (P01)

Catalog Number: H00005644-P01

Regulation Status: For research use only (RUO)

Product Description: Human PRSS1 full-length ORF (NP_002760.1, 1 a.a. - 247 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MNPLLILTFVAAALAAPFDDDDKIVGGYNCEENSVPYQ
VSLNSGYHFCGGSLINEQWVVSAGHCYKSRIQVRLGE
HNIEVLEGNEQFINAAKIIIRHPQYDRKTLNNDIMLIKLS
RAVINARVSTISLPTAPPATGTKCLISGWGNTASSGAD
YPDELQCLDAPVLSQAKCEASYPGKITSNMFCVGFLE
GGKDCSQGDSGGPVVCNGQLQGVVSWGDGCAQKN
KPGVYTKVYNYVKWIKNTIAANS
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 53

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: 5644

Gene Symbol: PRSS1

Gene Alias: MGC120175, MGC149362, TRP1, TRY1, TRY4, TRYP1

Gene Summary: This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is secreted by the pancreas and cleaved to its active form in the small intestine. It is active on peptide linkages involving the carboxyl group of lysine or arginine. Mutations in this gene are associated with hereditary pancreatitis. This gene and several other trypsinogen genes are localized to the T cell receptor beta locus on chromosome 7. [provided by RefSeq]