

Recombinant Rat Prss1 protein, His-tagged

Cat. No. Prss1-3374R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Prss1 protein(P00762)(24-246aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	24-246aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	27.2 kDa
AA Sequence	IVGGYTCPEHSVPYQVSLNSGYHFCGGSLINDQWVVSAAHCYKSRIQVRLGEHNIN VLEGDEQFINAAKIIKHPNYSSWTLNNDIMLIKLSPPVKLNARVAPVALPSACAPAGTQ CLISGWGNTLSNGVNNPDLLQCVDAPVLSQADCEAAYPGEITSSMICVGFLEGGKD SCQGDSGGPVVCNGQLQGIVSWGYGICALPDNPGVYTKVCNFGVGIQDTIAAN
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	Prss1 protease, serine, 1 (trypsin 1) [Rattus norvegicus]
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Official Symbol	Prss1
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Synonyms	PRSS1; protease, serine, 1 (trypsin 1); anionic trypsin-1; pretrypsinogen I; anionic trypsin I; serine protease 1; protease, serine, 2; pancreatic trypsin 1; Try1; PTRYI; RATPTRYI;
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Gene ID	24691
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mRNA Refseq	NM_012635
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Protein Refseq	NP_036767
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