

Active Recombinant Mouse Prss3 Protein, Met & His-tagged

Cat. No. Prss3-663M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prss3 (Accession # NP_035775) Ile24-Asn246, fused with an N-terminal Met, 6-His tag and GGSGSGGGSSR linker, was produced in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ile24-Asn246
Predicted N Terminal	Ile24
Form	Supplied as a 0.2 µ filtered solution in Sodium Acetate, NaCl, CaCl ₂ , BME, DTT and Glycerol.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPKPVE-Nva I-WRK(Dnp)-NH ₂ . The specific activity is >30,000 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Prss3, Met & His-tagged has a calculated MW of 24 kDa. In SDS-PAGE migrates as 24-27 kDa, reducing conditions.
Purity	>85%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

 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

lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name	Prss3 protease, serine, 3 [Mus musculus]
Official Symbol	Prss3
Synonyms	PRSS3; protease, serine, 3; mesotrypsin; trypsin 3; trypsinogen 15; Tb; MTG; TRY4; Try3; MGC176265;
Gene ID	22073
mRNA Refseq	NM_011645
Protein Refseq	NP_035775
MIM	

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