

Active Recombinant Mouse Prss3 Protein, His-tagged

Cat. No. Prss3-662M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prss3 (Accession # NP_035775) Phe16-Asn246, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Phe16-Asn246
Predicted N Terminal	Phe16
Form	Supplied as a 0.2 µ filtered solution in HCl and NaCl.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPKPVE-Nva I-WRK(Dnp)-NH ₂ . The specific activity is >17,000 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Prss3, His-tagged has a calculated MW of 26 kDa. In SDS-PAGE migrates as 29 kDa and 36 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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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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