

Active Recombinant Mouse Tmprss5 Protein, His-tagged

Cat. No. Tmprss5-771M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tmprss5 (Accession # NP_109634) Tyr61-Arg445, fused with an N-terminal 7-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Tyr61-Arg445
Predicted N Terminal	His
Form	Supplied as a 0.2 µ filtered solution in MES and NaCl.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate Boc-QAR-AMC. The specific activity is >1,000 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Tmprss5, His-tagged has a calculated MW of 43 kDa. In SDS-PAGE migrates as 55-61 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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Reconstitution

Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name	Tmprss5 transmembrane protease, serine 5 (spinesin) [Mus musculus]
Official Symbol	Tmprss5
Synonyms	TMPRSS5; transmembrane protease, serine 5 (spinesin); transmembrane protease serine 5; spinesin;
Gene ID	80893
mRNA Refseq	NM_030709
Protein Refseq	NP_109634
MIM	

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