

## Active Recombinant Mouse Matn4 Protein, His-tagged

**Cat. No.** Matn4-1060M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Matn4 (Accession # O89029) Gln22-Lys624, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Gln22-Lys624
<b>Predicted N Terminal</b>	No results obtained: Gln22 predicted
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized rhCOMP/his (2 µg/mL, 100 µ/well) can bind rmMatrilin-4 with a linear range of 3 - 200 ng/mL.
<b>Molecular Mass</b>	Recombinant Mouse Matn4, His-tagged has a calculated MW of 67.2 kDa. In SDS-PAGE migrates as 75 kDa, reducing conditions.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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 g/mL in deionized water.

## GENE INFORMATION

**Gene Name** [Matn4 matrilin 4 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** Matn4

**Synonyms** matrilin-4; matrilin-4; matrilin-4MAT-4

**Gene ID** [17183](#)

**mRNA Refseq** [NM\\_001252563.1](#)

**Protein Refseq** [NP\\_001239492.1](#)

### MIM

**UniProt ID** O89029

**Chromosome Location** 2 H3; 2 85.16 cM

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