

## Active Recombinant Human MATN2, His-tagged

Cat. No. MATN2-302H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MATN2 (Accession # AAH10444) Arg24-Arg937, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	24-937 a.a.
<b>Predicted N Terminal</b>	Arg24
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized rat tail Collagen I at 10 µg/mL (100 µL/well) can bind rhMatrilin-2 with a linear range of 16 - 1,000 ng/mL.
<b>Molecular Mass</b>	Recombinant Human MATN2, His-tagged has a calculated MW of 103 kDa. In SDS-PAGE migrates as 120 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).

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**Reconstitution** Reconstitute at 100 g/mL in sterile PBS.

## GENE INFORMATION

**Gene Name** [MATN2 matrilin 2 \[ Homo sapiens \]](#)

**Official Symbol** MATN2

**Synonyms** MATN2; matrilin 2; matrilin-2;

**Gene ID** [4147](#)

**mRNA Refseq** [NM\\_002380](#)

**Protein Refseq** [NP\\_002371](#)

**MIM** [602108](#)

**UniProt ID** O00339

**Chromosome Location** 8q22.1-q22.2

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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