

Active Recombinant Human MATN3 Protein, His-tagged

Cat. No. MATN3-939H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MATN3 (Accession # O15232) Asp29-Arg486, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Asp29-Arg486
Predicted N Terminal	Asp29
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized rhCOMP at 2 µg/mL (100 µL/well) can bind rhMatrilin-3 with a linear range of 1.5 - 100 ng/mL.
Molecular Mass	Recombinant Human MATN3, His-tagged has a calculated MW of 50.6 kDa. In SDS-PAGE migrates as 57 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	MATN3 matrilin 3 [Homo sapiens]
Official Symbol	MATN3
Synonyms	MATN3; matrilin 3; matrilin-3; EDM5; HOA; OS2; DIPOA; OADIP;
Gene ID	4148
mRNA Refseq	NM_002381
Protein Refseq	NP_002372
MIM	602109
UniProt ID	O15232
Chromosome Location	2p24-p23

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