

Active Recombinant Human MMP8

Cat. No. MMP8-423H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMP8 (Accession # AAZ38714) Phe21-Gly467 was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	21-467 a.a.
Predicted N Terminal	Phe21
Form	Supplied as a 0.2 µ filtered solution in Tris, NaCl and CaCl ₂ .
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-PLGL-Dpa-AR-NH ₂ . The specific activity is >250 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Human MMP8 has a calculated MW of 51 kDa. In SDS-PAGE migrates as 70 kDa, reducing conditions.
Purity	>90%, 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	MMP8 matrix metalloproteinase 8 (neutrophil collagenase) [Homo sapiens]
Official Symbol	MMP8
Synonyms	MMP8; matrix metalloproteinase 8 (neutrophil collagenase); CLG1, matrix metalloproteinase 8 (neutrophil collagenase); neutrophil collagenase; PMNL collagenase; matrix metalloproteinase-8; matrix metalloproteinase 8 (neutrophil collagenase); HNC; CLG1; MMP-8; PMNL-CL;
Gene ID	4317
mRNA Refseq	NM_002424
Protein Refseq	NP_002415
MIM	120355
UniProt ID	P22894
Chromosome Location	11q21-q22

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