

Active Recombinant Rat Mmp8 Protein, His-tagged

Cat. No. Mmp8-1055R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mmp8 (Accession # O88766) Leu21-Pro466, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Rat
Source	Mammalian Cells
ProteinLength	Leu21-Pro466
Predicted N Terminal	Leu21
Form	Supplied as a 0.2 µ filtered solution in MES, NaCl and CaCl ₂ .
Bio-activity	Measured by its ability to cleave a fluorogenic peptide substrate Mca-KPLGL-Dpa-AR-NH ₂ . The specific activity is >75 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Rat Mmp8, His-tagged has a calculated MW of 52 kDa. In SDS-PAGE migrates as 64 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).

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

GENE INFORMATION

Gene Name	Mmp8 matrix metallopeptidase 8 [Rattus norvegicus]
Official Symbol	Mmp8
Synonyms	MMP8; matrix metallopeptidase 8; neutrophil collagenase; MMP-8; neutrophil collagenase; matrix metalloproteinase-8;
Gene ID	63849
mRNA Refseq	NM_022221
Protein Refseq	NP_071557
MIM	

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