

Matrix Metalloproteinase-8 Active Protein | MMP 8 active protein

Recombinant Human Matrix Metalloproteinase-8

CATALOG #
AAA38265

PRODUCT SYNONYMS

Matrix Metalloproteinase-8; Recombinant Human Matrix Metalloproteinase-8; MMP 8 Human; Neutrophil collagenase; EC 3.4.24.34; Matrix metalloproteinase-8; MMP-8; PMNL collagenase; PMNL-CL; HNC; CLG1; MMP 8 active protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	The MMP-8 protein solution (100 units/ml) in 0.05M Tris-HCl buffer, pH 7.6, 0.2M NaCl, 5mM CaCl ₂ , 0.0025% NaN ₃ and 0.1% BSA
Sequence Length	467
Source	E.coli
Physical Appearance	Sterile Filtered clear solution
Biological Activity	100 units/ml after activation with APMA by solution assay method. One unit of collagenolytic activity is defined as the cleavage of 1 ug of collagen per minute by the solution method.
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for MMP 8 active protein	Description: Matrix Metalloproteinase-8 Human Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain having a molecular mass of 75 kDa. The MMP-8 is purified by proprietary chromatographic techniques.
Product Categories/Family for MMP 8 active protein	Enzymes; Matrix Metalloproteinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505221
NCBI GeneID	4317
NCBI Accession #	NP_002415.1
NCBI GenBank Nucleotide #	NM_002424.2
UniProt Accession #	P22894 ; Q45F99
NCBI Official Full Name	neutrophil collagenase isoform 1 preproprotein
NCBI Official Synonym Full Names	matrix metallopeptidase 8
NCBI Official Symbol	MMP8
NCBI Official Synonym Symbols	HNC; CLG1; MMP-8; PMNL-CL

NCBI Protein Information	neutrophil collagenase; PMN leukocyte collagenase; PMNL collagenase; collagenase 2; matrix metalloproteinase 8 (neutrophil collagenase); matrix metalloproteinase 8 (neutrophil collagenase); matrix metalloproteinase-8
UniProt Protein Name	Neutrophil collagenase
UniProt Gene Name	MMP8
UniProt Synonym Gene Names	CLG1; MMP-8; PMNL-CL
UniProt Entry Name	MMP8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mmp-8-active-protein/matrix-metalloproteinase-8/38265>