

Native Human MMP-1

Cat. No. MMP1-45H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Matrix Metalloproteinase 1 (human interstitial collagenase, EC 3.4.24.7) prepared from human fibroblasts.
Species	Human
Source	Human Fibroblasts
Form	Liquid, in 50 mM Tris/HCl, pH 7.0, 300 mM NaCl, 5 mM CaCl ₂ , 1 µM ZnCl ₂ , 0.05% NaN ₃ , 0.05% Brij 35
Purity	>90%, homogenous by SDS-PAGE and Western Blotting analysis

GENE INFORMATION

Gene Name	MMP1 matrix metalloproteinase 1 (interstitial collagenase) [Homo sapiens]
Official Symbol	MMP1
Synonyms	MMP1; matrix metalloproteinase 1 (interstitial collagenase); CLG, matrix metalloproteinase 1 (interstitial collagenase); interstitial collagenase; fibroblast collagenase; matrix metalloproteinase 1; matrix metalloproteinase 1; CLG; CLGN;
Gene ID	4312
mRNA Refseq	NM_001145938

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Protein Refseq	NP_001139410
MIM	120353
UniProt ID	P03956
Chromosome Location	11q21-q22
Pathway	Activation of Matrix Metalloproteinases, organism-specific biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Basigin interactions, organism-specific biosystem; Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Degradation of the extracellular matrix, organism-specific biosystem;
Function	calcium ion binding; metalloendopeptidase activity; peptidase activity; zinc ion binding;

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