

# Native Human MMP-1

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

## SPECIFICATION

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

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MMP1 matrix metalloproteinase 1 (interstitial collagenase) [ Homo sapiens ]</a>
<b>Official Symbol</b>	MMP1
<b>Synonyms</b>	MMP1; matrix metalloproteinase 1 (interstitial collagenase); CLG, matrix metalloproteinase 1 (interstitial collagenase); interstitial collagenase; fibroblast collagenase; matrix metalloproteinase 1; matrix metalloproteinase 1; CLG; CLGN;
<b>Gene ID</b>	<a href="#">4312</a>
<b>mRNA Refseq</b>	<a href="#">NM_001145938</a>

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<b>Protein Refseq</b>	NP_001139410
<b>MIM</b>	120353
<b>UniProt ID</b>	P03956
<b>Chromosome Location</b>	11q21-q22
<b>Pathway</b>	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;
<b>Function</b>	calcium ion binding; metalloendopeptidase activity; peptidase activity; zinc ion binding;

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