



## MMP26 peptide (DAG-P0919)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMPs are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The encoded protein degrades type IV collagen, fibronectin, fibrinogen, casein, vitronectin, alpha 1-antitrypsin, alpha 2-macroglobulin, and insulin-like growth factor-binding protein 1, and activates MMP9 by cleavage. The protein differs from most MMP family members in that it lacks a conserved C-terminal protein domain. [provided by RefSeq, Jul 2008]
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<b>Purity</b>	> 95 % by SDS-PAGE.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, WB
<b>Format</b>	Liquid
<b>Buffer</b>	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">MMP26 matrix metalloproteinase 26 [ Homo sapiens (human) ]</a>
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<b>Official Symbol</b>	MMP26
<b>Synonyms</b>	MMP26; matrix metalloproteinase 26; matrix metalloproteinase-26; MMP-26; endometase; matrilysin 2; matrilysin-2; matrix metalloproteinase 26;
<b>Entrez Gene ID</b>	<a href="#">56547</a>
<b>mRNA Refseq</b>	<a href="#">NM_021801.3</a>
<b>Protein Refseq</b>	<a href="#">NP_068573.2</a>
<b>UniProt ID</b>	Q9NRE1
<b>Chromosome Location</b>	11p15
<b>Pathway</b>	Matrix Metalloproteinases, organism-specific biosystem;
<b>Function</b>	metalloendopeptidase activity; zinc ion binding;