

Recombinant Human MMP7

Catalog No: #GP10079



Package Size: #GP10079-1 100ug

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Description

Product Name	Recombinant Human MMP7
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 5-100 amino acids of human matrix metalloproteinase 7 (matrilysin, uterine)
Target Name	matrix metalloproteinase 7 (matrilysin, uterine)
Other Names	MMP-7, MPPL1, PUMP-1
Accession No.	Swissprot:P09237Gene Accession:BC003635
Uniprot	P09237
GenID	4316;
Storage	-20~-80°C, pH 7.6 PBS

Background

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 MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The enzyme encoded by this gene degrades proteoglycans, fibronectin, elastin and casein and differs from most MMP family members in that it lacks a conserved C-terminal protein domain. The enzyme is involved in wound healing, and studies in mice suggest that it regulates the activity of defensins in intestinal mucosa. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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