

Recombinant Human MMP13

Catalog No: #GP10081



Package Size: #GP10081-1 100ug

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Description

Product Name	Recombinant Human MMP13
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 350 amino acids of human Matrix metalloproteinase-13
Target Name	Matrix metalloproteinase-13
Other Names	CLG3, MANDP1
Accession No.	Swissprot:P45452Gene Accession:BC067522
Uniprot	P45452
GeneID	4322;
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 protein encoded by this gene cleaves type II collagen more efficiently than types I and III. It may be involved in articular cartilage turnover and cartilage pathophysiology associated with osteoarthritis. 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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