

Recombinant Human MMP12

Catalog No: #GP10598



Package Size: #GP10598-1 100ug

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Description

Product Name	Recombinant Human MMP12
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 216-470 amino acids of human MMP12
Target Name	matrix metalloproteinase 12 (macrophage elastase)
Other Names	ME; HME; MME; MMP-12
Accession No.	Swissprot:P39900Gene Accession:BC112301
Uniprot	P39900
GeneID	4321;
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. It is thought that the protein encoded by this gene is cleaved at both ends to yield the active enzyme, but this processing has not been fully described. The enzyme degrades soluble and insoluble elastin.

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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