

Recombinant human MMP9 protein, C-His (HEK293)

Catalog Number: bs-43519P

Concentration: >0.5 mg/ml

AA Seq: 20-707/707

Predicted MW: 80.1

Detected MW: 95 kDa

Tags: C-His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

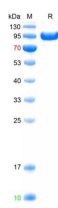
Storage: PBS (pH7.4).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: bs-7059P is one synthetic peptide derived from human MMP-9.

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 type IV and V collagens. Studies in rhesus monkeys suggest that the enzyme is involved in IL-8-induced mobilization of hematopoietic progenitor cells from bone marrow, and murine studies suggest a role in tumor-associated tissue remodeling. [provided by RefSeq, Jul 2008].

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.