



## Recombinant human MMP-3 protein, His (HEK293)

Catalog Number: bs-43017P
Concentration: >0.5 mg/ml

AA Seq: 18-477/477

Predicted MW: 50

Detected MW: 60 kDa

Tags: His

Activity: Yes

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: PBS (pH7.4).

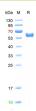
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: 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. This gene encodes an enzyme which degrades fibronectin, laminin, collagens III, IV, IX, and X, and cartilage proteoglycans. The enzyme is thought to be involved in wound repair, progression of atherosclerosis, and tumor initiation. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided

by RefSeq, Jul 2008].

## **VALIDATION IMAGES**



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