Mouse MMP-8, His tag, CHO

Catalog Number	LDG125PMM
Package	5 μg / 20 μg / 100 μg / Customized package

For full product information, images and publications, please visit our website.

Specifications

Species of Origin
Mouse

Expression System
CHO

Affinity Tag
His Tag (C-term)

Storage Buffer
Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

Purity
>90% as determined by SDS-PAGE analysis.

Molecular weight
The protein has a calculated MW of 53.9 kDa.
The protein migrates as 60-75kDa under reducing condition (SDS-PAGE analysis).

Endotoxin Level
<0.1 EU per 1 μg of the protein by the LAL method.

Mycoplasma
Not detected

Form
Lyophilized

Background

Background
Matrix metalloproteinase-8 (MMP-8), also known as neutrophil collagenase, is an enzyme that degrades collagen types I, II, and III. It is involved in tissue remodeling and inflammatory processes, with elevated levels observed in various inflammatory conditions.

Synonyms
Neutrophil collagenase, EC:3.4.24.34, Collagenase 2, Matrix metalloproteinase-8, MMP-8

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Uniprot ID

O70138

Sequence Note

Phe21-Ser465

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration of 200 μg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

Image

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SDS-PAGE analysis of recombinant mouse MMP-8.

Disclaimer : For Research Use or Further Manufacturing Only.

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