

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

Affinity Tag

His Tag (C-term)

Purity

>90% as determined by SDS-PAGE analysis.

Endotoxin Level

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

Form

Lyophilized

Expression System

CHO

Storage Buffer

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

Molecular weight

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

Mycoplasma

Not detected

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 H₂O to a concentration of 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Stability & Storage




This product is stable after storage at:

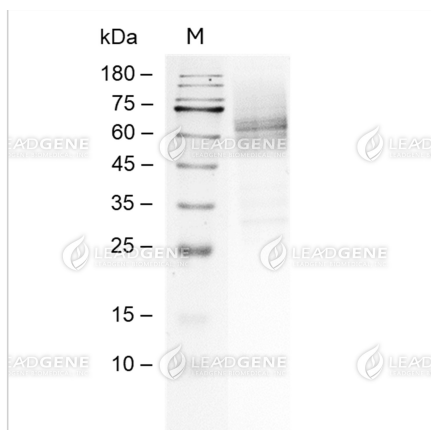
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

Shipping

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

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SDS-PAGE analysis of recombinant mouse MMP-8.

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