

RP02444

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Biotinylated Recombinant Human MMP-9 Protein

Catalog No.: RP02444 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	4318	P14780

Tags

C-His&Avi

Synonyms

MMP9;CLG4B;GELB;MANDP2;MMP-9

Product Information

Source

HEK293 cells

Purification

≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description

Biotinylated Recombinant Human MMP9 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ala20-Asp707) of Human MMP9 fused with a His and Avi tag at the C-terminal.

Bio-Activity

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

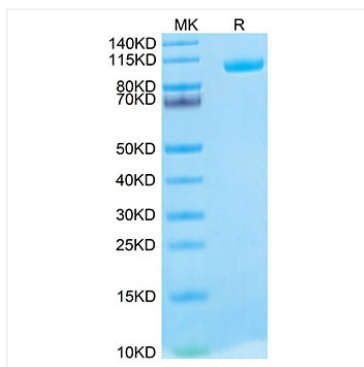
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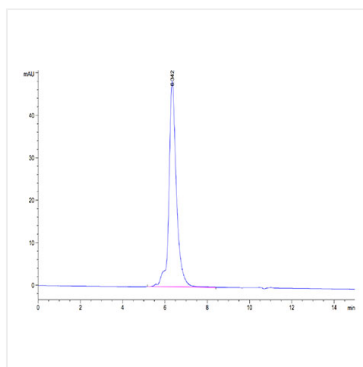
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* For your safety and health, please wear a lab coat and disposable gloves when handling.

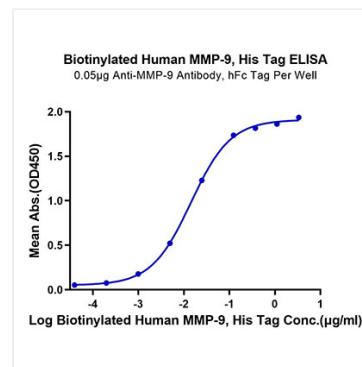
Validation Data



Biotinylated Recombinant Human MMP-9 Protein was determined by Tris-Bis PAGE under reducing conditions with Coomassie Blue.



The purity of Biotinylated Human MMP-9 is greater than 95% as determined by SEC-HPLC.



Immobilized Anti-MMP-9 Antibody, hFc Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Human MMP-9, His Tag with the EC_{50} of 14.3ng/ml determined by ELISA.