

# Recombinant Human MMP-9 Protein

Catalog No.: RP02443 **Recombinant** **1 Publications**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	4318	P14780

### Tags

C-His&Avi

### Synonyms

MMP9;CLG4B;GELB;MANDP2;MMP-9

## Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE;> 95% by SEC-HPLC

**Calculated MW** **Observed MW**

### 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

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## Background

### Basic Information

#### Description

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 the lyophilized protein at -20°C to -80°C for long term.

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.

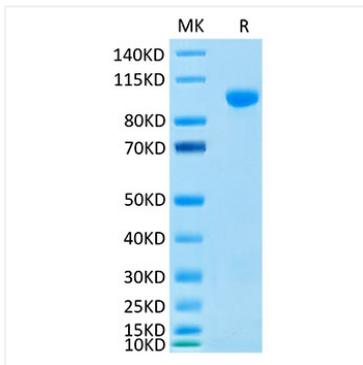
## Contact

 | 400-999-6126

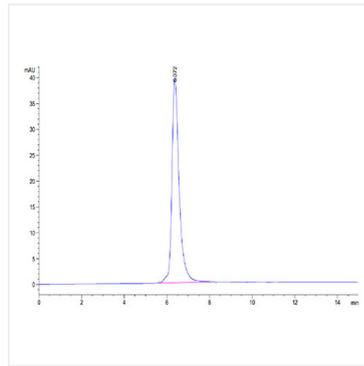
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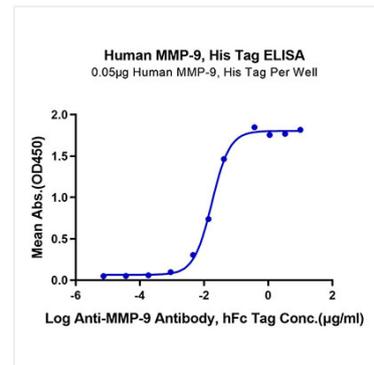
## Validation Data



Human MMP-9 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



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



Immobilized Human MMP-9, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-MMP-9 Antibody, hFc Tag with the EC<sub>50</sub> of 17.4ng/ml determined by ELISA.