

# Recombinant Mouse MMP-2 Protein

Catalog No.: RP03144 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse	17390	P33434

### Tags

N-His

### Synonyms

CLG4;CLG4A;MMP-2;MMP-II;MONA;TBE-1;MMP2

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Calculated MW	Observed MW
30.9 kDa	40 kDa

### Endotoxin

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

### Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM TrisHCl, 150mM NaCl, pH7.5. Contact us for customized product form or formulation.

### 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.

## Contact

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## Background

### Basic Information

#### Description

Recombinant Mouse MMP-2 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Met409-Cys662) of mouse MMP-2/40 kDa type IV collagenase (Accession #P33434) fused with a 6×His tag at the N-terminus.

#### Bio-Activity

#### Storage

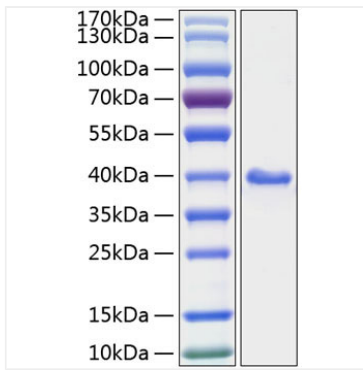
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

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.

## Validation Data

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Recombinant Mouse MMP-2 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 40 kDa.