

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.

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

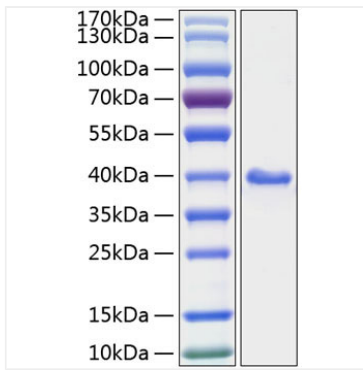
Recombinant Mouse MMP-2 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Met409-Cys662) of mouse MMP-2/40 kDa type IV collagenase (Accession #P33434) fused with a 6xHis tag at the N-terminus.

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.

Validation Data



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