

Recombinant Bovine MMP9 protein(107-712aa), His-tagged

Cat. No. MMP9-21B Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Bovine MMP9 protein(P52176)(107-712aa), fused with C-terminal His tag, was expressed in Yeast.
Species	Bovine
Source	Yeast
ProteinLength	107-712aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	68.8 kDa
AA Sequence	FQTFEGELKWHHHNITYWIQNYSEDLPRAVIDDAFARAFALWSAVTPLTFTRVYGPE ADIVIQFGVREHGDGYPPFDGKNGLLAHAFFPPGKGIQGDHFDDEELWSLGKGVVIPT YFGNAKGAACHFPFTFEGRSYSACTTDGRSDDMLWCSTTADYDADRQFGFCPSER LYTQDGNADGKPCVFPFTFQGRYSACTSDGRSDGYRWCATTANYDQDKLYGFCP TRVDATVTGGNAAGELCVFPFTFLGKEYSACTREGRNDGHLWCATTSNFDKDKKW GFCPDQGYSLFLVAAHEFGHALGLDHTSVPEALMYPMYRFTEEHPLHRDDVQGIQH LYGPRPEPEPRPPTTTTTTTTTTEPQPTAPPTVCVTGPPTARPSEGPTTGPTGPPAAG PTGPPTAGPSAAPTESPDPAEDVCNVDIFDAIAEIRNRLHFFKAGKYWRLSEGGRR VQGPFLVKSQWPALPRKLDSAFEDPLTKKIFFFSGRQVWVYTGASLLGPRRLDKLGL GPEVAQVTGALPRPEGKVLLFSGQSFWRFDVKTQKVDPQSVTPVDQMFPVPIST

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HDIFQYQEKAYFCQDHFYWRVSSQNEVNQVDYVGYVTFDLLKCPED

Purity Greater than 95% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [MMP9 matrix metallopeptidase 9 \[Bos taurus \(cattle\) \]](#)

Official Symbol [MMP9](#)

Synonyms MMP-9;92 kDa gelatinase;92 kDa type IV collagenase;Gelatinase B;GELB

Gene ID [282871](#)

mRNA Refseq [NM_174744](#)

Protein Refseq [NP_777169](#)

UniProt ID [P52176](#)

SDS-PAGE

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