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 ADIVIQFGVREHGDGYPFDGKNGLLAHAFPPGKGIQGDAHFDDEELWSLGKGVVIPT YFGNAKGAACHFPFTFEGRSYSACTTDGRSDDMLWCSTTADYDADRQFGFCPSER LYTQDGNADGKPCVFPFTFQGRTYSACTSDGRSDGYRWCATTANYDQDKLYGFCP TRVDATVTGGNAAGELCVFPFTFLGKEYSACTREGRNDGHLWCATTSNFDKDKKW GFCPDQGYSLFLVAAHEFGHALGLDHTSVPEALMYPMYRFTEEHPLHRDDVQGIQH LYGPRPEPEPRPPTTTTTTTTEPQPTAPPTVCVTGPPTARPSEGPTTGPTGPPAAG PTGPPTAGPSAAPTESPDPAEDVCNVDIFDAIAEIRNRLHFFKAGKYWRLSEGGGRR VQGPFLVKSKWPALPRKLDSAFEDPLTKKIFFFSGRQVWVYTGASLLGPRRLDKLGL GPEVAQVTGALPRPEGKVLLFSGQSFWRFDVKTQKVDPQSVTPVDQMFPGVPIST

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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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