

Recombinant Cattle MMP3 protein, His & T7-tagged

Cat. No. MMP3-739C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle MMP3 aa. (Tyr18~Cys477) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Tyr18~Cys477
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 56.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 5.3.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

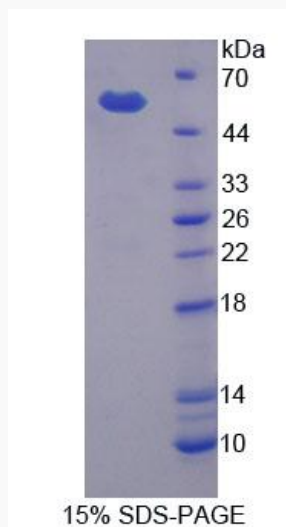
Gene Name	MMP3 matrix metalloproteinase 3 [Bos taurus (cattle)]
Official Symbol	MMP3
Synonyms	matrix metalloproteinase 3 (stromelysin 1, progelatinase); metalloproteinase 3 receptor; stromelysin-1
Gene ID	281309
mRNA Refseq	NM_001206637.1
Protein Refseq	NP_001193566.1

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SDS-PAGE



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