

Recombinant Cattle MGP protein, His & GST-tagged

Cat. No. MGP-7010C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle MGP aa. (Tyr20~Lys103 (Accession # P07507)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Tyr20~Lys103
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.2.
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.
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Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
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Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
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GENE INFORMATION

Gene Name	MGP matrix Gla protein [Bos taurus (cattle)]
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Official Symbol	MGP
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Synonyms	MGP; matrix Gla protein
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Gene ID	282660
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mRNA Refseq	NM_174707.3
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Protein Refseq	NP_777132.1
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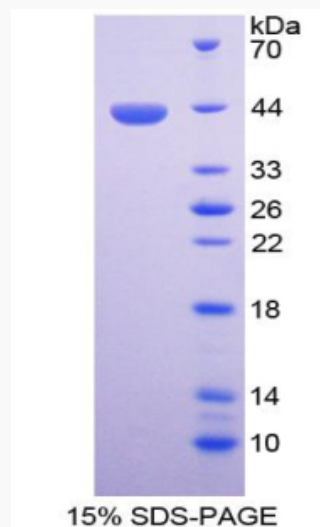
UniProt ID	P07507
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SDS-PAGE



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