

Recombinant Pig MGP protein, His & GST-tagged

Cat. No. MGP-7012P Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Pig MGP aa. (His23~Lys103 (Accession # Q8MJ39)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	His23~Lys103
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.7.
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 PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

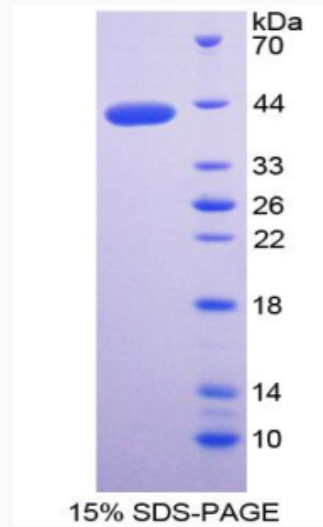
Gene Name	MGP matrix Gla protein [<i>Sus scrofa</i> (pig)]
Official Symbol	MGP
Synonyms	MGP; MPG; matrix Gla protein
Gene ID	397206
mRNA Refseq	NM_214116.1
Protein Refseq	NP_999281.1
UniProt ID	Q8MJ39

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SDS-PAGE



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