

Recombinant Pig MMP13 protein, His & T7-tagged

Cat. No. MMP13-733P Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Pig MMP13 aa. (Asn123~Glu270 (Accession# O77631)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Asn123~Glu270
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 20.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.9.
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, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

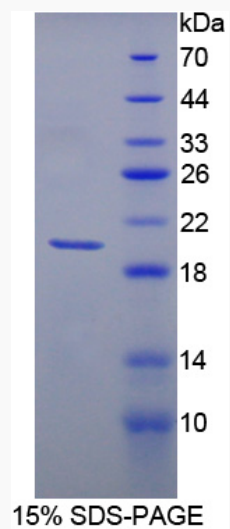
GENE INFORMATION

Gene Name	MMP13 matrix metalloproteinase 13 [<i>Sus scrofa</i> (pig)]
Official Symbol	MMP13
Synonyms	MMP-13; matrix metalloproteinase 13
Gene ID	397346
mRNA Refseq	XM_003129808.4
Protein Refseq	XP_003129856.1
UniProt ID	O77631

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SDS-PAGE

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