

Recombinant Pig MMP3 protein, His & T7-tagged

Cat. No. MMP3-744P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig MMP3 aa. (Tyr18~Cys477 (Accession# F1SV58)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Tyr18~Cys477
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 56.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 5.4.
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

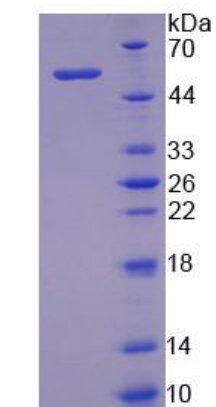
Gene Name	MMP3 matrix metalloproteinase 3 (stromelysin 1, progelatinase) [<i>Sus scrofa</i> (pig)]
Official Symbol	MMP3
Synonyms	MMP-3; MMP10; matrix metalloproteinase-3; stromelysin; stromelysin-1
Gene ID	396769
mRNA Refseq	NM_001166308.1
Protein Refseq	NP_001159780.1
UniProt ID	C9VZX5

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SDS-PAGE



15% SDS-PAGE

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