

Recombinant Cattle PI16 protein, His & T7-tagged

Cat. No. PI16-1562C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle PI16 aa. (Leu28~Pro442 (Accession # Q58D34)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Leu28~Pro442
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 48.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-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.

Isoelectric Point 5.8

GENE INFORMATION

Gene Name PI16 peptidase inhibitor 16 [Bos taurus (cattle)]

Official Symbol PI16

Synonyms PI16; PI-16; peptidase inhibitor 16; protease inhibitor 16

Gene ID 507058

mRNA Refseq NM_001024487.1

Protein Refseq NP_001019658.1

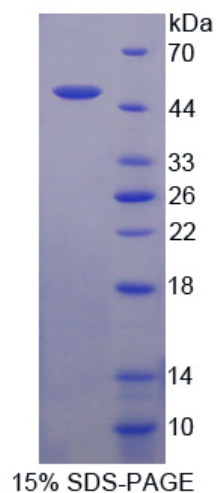
UniProt ID Q58D34

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SDS-PAGE



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