

Recombinant Cattle CST3 protein, His-tagged

Cat. No. CST3-7897C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle CST3 aa. (Gly32~Asp148 (Accession # P01035)) fused with N-terminal His tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Gly32~Asp148
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 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, pH7.4, containing 5% trehalose, 0.01% sarcosyl
Reconstitution	Reconstitute in sterile ddH2O.

GENE INFORMATION

Gene Name	CST3 cystatin C [Bos taurus (cattle)]
Official Symbol	CST3
Synonyms	colostrum thiol proteinase inhibitor; cystatin C (amyloid angiopathy and cerebral hemorrhage); cystatin-3; cystatin-C
Gene ID	281102
mRNA Refseq	NM_174029.1
Protein Refseq	NP_776454.1
UniProt ID	P01035

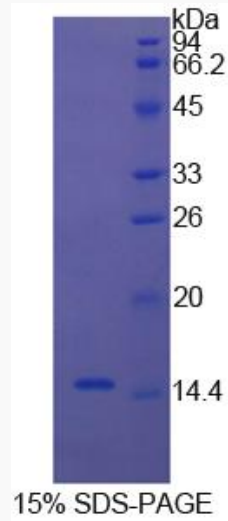
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SDS-PAGE



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