Recombinant Cattle CRP protein, His & T7-tagged

Cat. No. CRP-7771C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle CRP aa. (Phe14~Trp224 (Accession # C4T8B4)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Phe14~Trp224
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.2kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.8.
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.

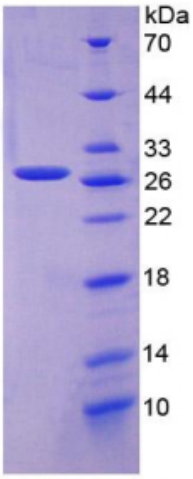
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45-1 Ramsey Road, Shirley, NY 11967, USA

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	CRP C-reactive protein [Bos taurus (cattle)]
Official Symbol	CRP
Synonyms	C-reactive protein
Gene ID	527553
mRNA Refseq	NM_001144097.1
Protein Refseq	NP_001137569.1
UniProt ID	C4T8B4

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SDS-PAGE	 15% SDS-PAGE

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