

## Recombinant Bovine C reactive Protein, His tagged

**Cat. No.** CRP-005B    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant bovine C-reactive Protein with a 6xHis tag was expressed in CHO-S cells and purified by nickel affinity chromatography.
<b>Species</b>	Bovine
<b>Source</b>	CHO
<b>Description</b>	Displays several functions associated with host defense: it promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine. Can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells.
<b>Tag</b>	6xHis
<b>Form</b>	Liquid
<b>Molecular Mass</b>	~26 kDa
<b>Purity</b>	>90%
<b>Applications</b>	ELISA, WB
<b>Preservative</b>	0.09% sodium azide
<b>Storage</b>	Store at -20 centigrade. The thawed product is stable at 2-8 centigrade for one week.

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Following the initial thaw, please prepare multiple aliquots and store at -20 centigrade. It is not recommended to store the product in a frost-free freezer. Multiple freeze-thaw cycles are not recommended.

**Expiration** 12 months from shipping date.

**Storage Buffer** PBS

## GENE INFORMATION

**Gene Name** CRP C-reactive protein [ Bos taurus (domestic cattle) ]

**Official Symbol** CRP

**Synonyms** CRP; C-reactive protein

**Gene ID** 527553

**mRNA Refseq** NM\_001144097

**Protein Refseq** NP\_001137569

**UniProt ID** C4T8B4

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