

Datasheet for ABIN5854389

## CRP Protein (AA 20-230) (His tag)



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### Overview

Quantity:	50 µg
Target:	CRP
Protein Characteristics:	AA 20-230
Origin:	Rat
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRP protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

### Product Details

Sequence:	<p>HEDMSKQAFV FPGVSATAYV SLEAESKKPL EAFTVCLYAH ADVSRFSIF SYATKTSFNE</p> <p>ILLFWTRGQG FSIAVGGPEI LFSASEIPEV PTHICATWES ATGIVELWLD GKPRVRKSLQ</p> <p>KGYIVGTNAS IILGQEQDSY GGGFDANQSL VGDIGDVNMW DFVLSPEQIN AVYVGRVFSP</p> <p>NVLNWRALKY ETHGDVFIKP QLWPLTDCCE SHHHHHH</p>
Purity:	> 95% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

### Target Details

Target:	CRP
Alternative Name:	C-Reactive Protein/CRP ( <a href="#">CRP Products</a> )
Background:	CRP, also known as c-reactive protein, displays several functions associated with host defense.

## Target Details

It promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine and can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells.

Recombinant rat CRP, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 24.1 kDa (217aa)

NCBI Accession: [NP\\_058792](#)

UniProt: [P48199](#)

Pathways: [Carbohydrate Homeostasis](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.