



[Go to Product page](#)

Datasheet for ABIN7505483
CRP Protein (AA 20-230) (His tag)

Overview

Quantity:	100 µg
Target:	CRP
Protein Characteristics:	AA 20-230
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRP protein is labelled with His tag.

Product Details

Sequence:	His20-Ser230
Characteristics:	A DNA sequence encoding the Rat CRP (P48199-1) (His20-Ser230) was expressed with a polyhistidine tag at the N-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.

Target Details

Target:	CRP
Alternative Name:	CRP (CRP Products)
Background:	Abbreviation: CRP,C-Reactive Target Synonym: C Reactive Protein Pentraxin Related Protein,MGC88244,Pentraxin 1,PTX 1 Background: Displays several functions associated with host defense: it promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its

Target Details

calcium-dependent binding to phosphorylcholine. Can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells.

Molecular Weight: Calculated MW: 23.3 kDa
Observed MW: 24.7 kDa

UniProt: [P48199-1](#)

Pathways: [Carbohydrate Homeostasis](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.
Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months