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Datasheet for ABIN7194463 **CRP Protein (His tag)**

Image



Overview

Quantity:	200 µg
Target:	CRP
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRP protein is labelled with His tag.

Product Details

Purpose:	Recombinant Rat CRP/C-Reactive Protein (His Tag)
Sequence:	Met 1-Ser 230
Characteristics:	A DNA sequence encoding the rat CRP (NP_058792.1) extracellular domain (Met 1-Ser 230) was fused with a polyhistidine tag at the C-terminus.
Purity:	> 97 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per μ g of the protein as determined by the LAL method

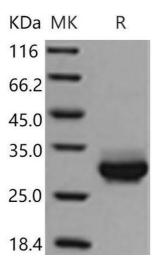
Target Details

Target:	CRP
Alternative Name:	CRP/C-Reactive (CRP Products)
Background:	Background: C-reactive protein (CRP) is synthesized by the liver in response to factors released by fat cells. It is a member of the pentraxin family of proteins. The levels of CRP rise in
	response to inflammation. Human C-reactive protein (CRP) is the classical acute phase

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	reactant, the circulating concentration of which rises rapidly and extensively in a cytokine-
	mediated response to tissue injury, infection and inflammation. Serum CRP values are routinely
	measured, empirically, to detect and monitor many human diseases. However, CRP is likely to
	have important host defence, scavenging and metabolic functions through its capacity for
	calcium-dependent binding to exogenous and autologous molecules containing
	phosphocholine (PC) and then activating the classical complement pathway. CRP may also
	have pathogenic effects and the recent discovery of a prognostic association between
	increased CRP production and coronary atherothrombotic events is of particular interest.
	Synonym: Aa1249,Ab1-341,Ab2-196,Ac1-114,Ac1262,Ac2-069,Ba2-693
Molecular Weight:	24.6 kDa
NCBI Accession:	NP_058792
Pathways:	Carbohydrate Homeostasis
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
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.

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Western Blotting

Image 1.

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