

Recombinant Rat Crp protein(Met1-Ser230), His-tagged

Cat. No. Crp-4095R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CRP (NP_058792.1) (Met 1-Ser 230) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-230 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat CRP comprises 221 amino acids and predicts a molecular mass of 24.6 kDa. The apparent molecular mass of the rat CRP is approximately 30 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Crp C-reactive protein, pentraxin-related [<i>Rattus norvegicus</i>]
Official Symbol	Crp
Synonyms	CRP; C-reactive protein, pentraxin-related; C-reactive protein; C-reactive protein, petaxin related; C-reactive protein member of the pentraxin family; C-reactive protein, member of the pentraxin family; Aa1249; Ac1262; Ab1-341; Ab2-196; Ac1-114; Ac2-069; Ba2-693;
Gene ID	25419
mRNA Refseq	NM_017096
Protein Refseq	NP_058792

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