

Recombinant Mouse Crp protein(Met1-Ser225), His-tagged

Cat. No. Crp-3291M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CRP (NP_031794.3) (Met 1-Ser 225) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-225 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 secreted recombinant mouse CRP consists of 216 amino acids and has a calculated molecular mass of 24.4 kDa. As a result of glycosylation, the apparent molecular mass of rmCRP 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	> 94 % 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.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 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>Mus musculus</i>]
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Official Symbol	Crp
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Synonyms	CRP; C-reactive protein, pentraxin-related; C-reactive protein; C-reactive protein, petaxin related; AI255847;
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Gene ID	12944
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mRNA Refseq	NM_007768
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Protein Refseq	NP_031794
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