

## GMP Recombinant Human CRP protein

**Cat. No.** CRP-904HG    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | GMP Recombinant Human CRP protein(NP_000558.2)(207 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines. |
| <b>Species</b>          | Human                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                |
| <b>ProteinLength</b>    | DNA sequence encoding Human CRP(NCBI Reference Sequence: NP_000558.2) was expressed with His tag at the C-terminal.                                                                   |
| <b>Form</b>             | Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.                                                                                                                   |
| <b>Molecular Mass</b>   | Recombinant Human CRP contains 207 aa. It has a predicted MW of 24.7 kDa.                                                                                                             |
| <b>Endotoxin</b>        | <0.1EU/ug                                                                                                                                                                             |
| <b>Purity</b>           | >=95% by SDS-PAGE and HPLC                                                                                                                                                            |
| <b>Storage</b>          | The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing                |
| <b>Reconstitution</b>   | 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.         |

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## GENE INFORMATION

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| Gene Name       | CRP C-reactive protein, pentraxin-related [ Homo sapiens ] |
| Official Symbol | CRP                                                        |
| Synonyms        | PTX1                                                       |
| Gene ID         | 1401                                                       |
| mRNA Refseq     | NM_000567                                                  |
| Protein Refseq  | NP_000558                                                  |
| MIM             | 123260                                                     |
| UniProt ID      | P02741                                                     |

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