9051 Mira Mesa Blvd, #910094
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# CRP Rat

*C-Reactive Protein Rat Recombinant*
*RCP0539*

## Product Overview

| | |
|---|---|
| Name | CRP Rat |
| **Description** | |
| C-Reactive Protein Rat Recombinant | |
| Accession (Primary) | P48199 |
| **Synonyms** | |
| Ptx1, C-reactive protein, Pentraxin 1, C-Reactive Protein Pentraxin-Related. | |
| **Introduction** | |
| CRP is an acute phase protein that correlates with inflammatory disease and is synthesized by hepatocytes during the acute phase response by certain cytokines (IL-1 and TNF Alpha and Beta). CRP levels increase dramatically (up to 1,000 fold) and serve as a useful marker of inflammation in such conditions as bacterial infection, rheumatoid arthritis, viral infections, transplantation rejection, meningitis, myocardial infarction, septicemia, osteomyelitis and others. CRP is also highly correlated to Serum Amyloid A levels. | |
| **Source** | |
| Sf9, Insect cells. | |
| **Physical Appearance** | |
| Sterile filtered colorless solution. | |
| **Formulation** | |
| CRP protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. | |
| **Stability** | |
| Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. | |
| **Purity** | |
| Greater than 95.0% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| HEDMSKQAFV FPGVSATAYV SLEAESKKPL EAFTVCLYAH ADVSRSFSIF SYATKTSFNE ILLFWTRGQG FSIAVGGPEI LFSASEIPEV PTHICATWES ATGIVELWLD GKPRVRKSLQ KGYIVGTNAS IILGQEQDSY GGGFDANQSL VGDIGDVNMW DFVLSPEQIN AVYVGRVFSP NVLNWRALKY ETHGDVFIKP QLWPLTDCCE S HHHHHH . | |

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**Precautions**

CRP Rat is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( P48199 )