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32-3833: C-Reactive Protein Rat Recombinant

Alternative Name : Ptx1,C-reactive protein,Pentraxin 1,C-Reactive Protein Pentraxin-Related.

Description

Source : Sf9, Insect cells. CRP produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 217 amino acids (20-230 a.a.) and having a molecular mass of 24.1kDa. (Molecular size on SDS-PAGE will appear at approximately 28-40 kDa).CRP is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	10 µg
Purification :	"Greaterthan 95.0% as determined by SDS-PAGE."
Content :	CRP protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	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.
Amino Acid :	HEDMSKQAFV FPGVSATAYV SLEAESKKPL EAFTVCLYAH ADVSRSFSIF SYATKTSFNE ILLFWTRGQG FSIAVGGPEI LFSASEIPEV PTHICATWES ATGIVELWLD GKPRVRKSLQ KGYIVGTNAS IILGQEQDSY GGGFDANQSL VGDIGDVNMW DFVLSPEQIN AVYVGRVFSP NVLNWRALKY ETHGDVFIKP QLWPLTDCCE SHHHHHH.

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