

C-Reactive Protein Rat Recombinant

Item Number	rAP-3090
Synonyms	Ptx1, C-reactive protein, Pentraxin 1, C-Reactive Protein Pentraxin-Related.
Description	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
Uniprot Accession Number	P48199
Amino Acid Sequence	HEMSKQAFV FPGVSATAYV SLEAESKKPL EAFTVCLYAH ADVSRFSIF SYATKTSFNE ILLFWTRGQG FSIAVGGPEI LFSASEIPEV PTHICATWES ATGIVELWLD GKPRVRKSLQ KGYIVGTNAS IILGQEQDSY GGGFDANQSL VGDIGDVMNW DFLVSPEQIN AVYVGRVFSP NLNWRALKY ETHGDVFIKP QLWPLTDCCE SHHHHHH.
Source	Sf9, Insect cells.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	CRP protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**