



PRODUCT SPECIFICATION

CATALOG NUMBER: J81600

PRODUCT DESCRIPTION:	Recombinant Human C-Reactive Protein. rCRP monomer comprising 206 amino acid residues. Has the same amino acid sequence as native human CRP.
SOURCE:	<u>E. coli</u>
FORM:	Solution in 20 mM Tris-HCl (pH 7.5) with 2 mM CaCl ₂ , 0.14 M NaCl and 0.05% NaN ₃ .
PURITY:	Single band at 23k (SDS-PAGE)
RECOMBINANT INFORMATION:	rCRP is produced by expressing human CRP gene in <u>E. coli</u> and purified by affinity chromatography.
BIOLOGICAL PROPERTY:	Ca ²⁺ dependent binding to phosphorylcholine
MOLECULAR WEIGHT:	115,000 kD by gel filtration and SDS-PAGE. This corresponds to the pentamer structure of 23,000 kD monomer (determined by amino acid sequence).
STORAGE TEMPERATURE:	2-8°C
HAZARD/BIOHAZARD:	This material contains sodium azide as a preservative, take appropriate precautions. There is no known biohazard associated with this product.