

## Human CRP protein

Catalog Number: bs-41211P

Concentration: >1.0 mg/ml

AA Seq: Purified native protein

Predicted MW: 25

Activity: Yes

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Form: Lyophilized or Liquid

Storage: 10mM PBS(pH7.4).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** Pentraxins are plasma proteins characterized by their pentameric discoid assembly and their Ca<sup>2+</sup> dependent ligand binding, such as Serum amyloid P component (SAP) and C-reactive Protein (CRP), which are cytokine-inducible acute-phase proteins implicated in innate immunity. CRP binds to ligands containing phosphocholine, SAP binds to amyloid fibrils, DNA, chromatin, fibronectin, C4-binding proteins and glycosaminoglycans. "Long" pentraxins have N-terminal extensions to the common pentraxin domain; one group, the neuronal pentraxins, may be involved in synapse formation and remodeling, and they may also be able to form heteromultimers.

### VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.