

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 Ca²⁺ 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.