
Recombinant human CRP protein, His

Catalog Number: bs-41178P

Concentration: >0.5 mg/ml

AA Seq: 19-224/224

Predicted MW: 25

Detected MW: 27 kDa

Tags: His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: 20mM Tris-HCl (pH8.0) with 150mM NaCl and 5% Glycerol.

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



Recombinant human CRP in SDS-page

PRODUCT SPECIFIC PUBLICATIONS

[IF=6] Chenyang Wang. et al. Gold nanorod in silver tetrahedron: Cysteamine mediated synthesis of SERS probes with embedded internal markers for AFP detection. ANAL CHIM ACTA. 2025 Jan;;343667 ; . 39863310