

RP00337

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Recombinant Human CRP Protein

Catalog No.: RP00337

Recombinant

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Human | 1401 | P02741 |

Tags

C-6×His

Synonyms

CRP;PTX1

Product Information

Source

<I>E. coli</I>

Purification

> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20 mM Tris, 2M Urea, pH 8.0. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein belongs to the pentaxin family. It is involved in several host defense related functions based on its ability to recognize foreign pathogens and damaged cells of the host and to initiate their elimination by interacting with humoral and cellular effector systems in the blood. Consequently, the level of this protein in plasma increases greatly during acute phase response to tissue injury, infection, or other inflammatory stimuli.

Basic Information

Description

Recombinant Human CRP Protein is produced by <I>E. coli</I> expression system. The target protein is expressed with sequence (Gln19-Pro224) of human CRP (Accession #P02741) fused with an initial Met at the N-terminus and a 6×His tag at the C-terminus.

Bio-Activity

Storage

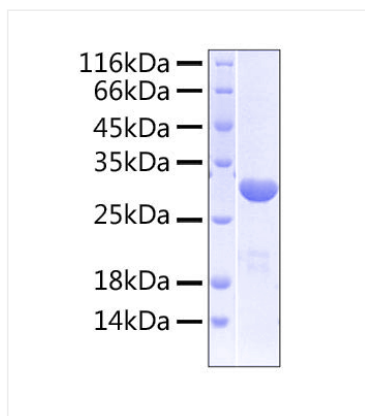
Store the lyophilized protein at -20 °C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant protein Human CRP was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 27 kDa.