

Recombinant Human CRP, His-tagged

Cat. No. CRP-26070TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to N terminal amino acids 21-130 of Human C Reactive Protein, fused to a His tag, 17kDa.
Species	Human
Source	E.coli
ProteinLength	21-130 a.a.
Description	The protein encoded by this gene 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.
Conjugation	HIS
Tissue specificity	Found in plasma.
Form	Liquid
Storage buffer	Preservative: None Constituents: PBS
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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Sequence Similarities Belongs to the pentaxin family.Contains 1 pentaxin domain.

GENE INFORMATION

Gene Name [CRP C-reactive protein, pentraxin-related \[Homo sapiens \]](#)

Official Symbol [CRP](#)

Synonyms CRP; C-reactive protein, pentraxin-related; C-reactive protein; pentraxin 1; PTX1;

Gene ID [1401](#)

mRNA Refseq [NM_000567](#)

Protein Refseq [NP_000558](#)

MIM [123260](#)

Uniprot ID [P02741](#)

Chromosome Location 1q21-q23

Pathway Classical antibody-mediated complement activation, organism-specific biosystem; Complement cascade, organism-specific biosystem; Creation of C4 and C2 activators, organism-specific biosystem; IL6-mediated signaling events, organism-specific biosystem; Immune System, organism-specific biosystem;

Function Gram-positive bacterial cell surface binding; binding; cholesterol binding; choline binding; low-density lipoprotein particle binding;

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