

Native Human CRP

Cat. No. CRP-8374H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Human CRP was purified from Plasma.
Species	Human
Source	Plasma
Description	C Reactive Protein is an acute phase protein with a molecular mass of approximately 114kDa. It is synthesised in the liver and is most commonly used as a marker for inflammation. Elevated CRP levels are seen in patients with coronary artery disease; hence it is also used in cardiology diagnostic tests to predict and monitor this disease.
Form	Liquid in 20mM TRIS buffer pH 8.0 containing 0.28M NaCl, 0.09% NaN ₃ and 5mM CaCl ₂ .
Molecular Mass	114kDa
Purity	Nominally greater than 99% of the protein is C-Reactive protein.

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;

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	MGC88244; MGC149895;
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; Initial triggering of complement, organism-specific biosystem; Innate Immune System, organism-specific biosystem;
Function	Gram-positive bacterial cell surface binding; binding; cholesterol binding; choline binding; low-density lipoprotein particle binding; metal ion binding; protein binding; protein homodimerization activity;