

Native Rat Serum C-Reactive Protein

Cat. No. CRP-8059R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Rat Serum C-Reactive Protein was purified from Rat Serum.
Species	Rat
Source	Rat Serum
Description	C-Reactive Protein (CRP) is a pentameric serum protein belonging to the pentraxin family that is comprised of five identical about 23kDa subunits. CRP is a positive acute phase reactant, the levels of which increase modestly in rats (1.5-2 fold) in response to inflammation, tissue injury or disease. CRP is purified using multiple affinity chromatography steps.
Purity	>96% by SDS-PAGE
Stability	2 years
Storage	2-8 °C
Concentration	>0.5 mg/mL

GENE INFORMATION

Gene Name	Crp C-reactive protein, pentraxin-related [Rattus norvegicus]
Official Symbol	CRP

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Synonyms	CRP; C-reactive protein, pentraxin-related; C-reactive protein; C-reactive protein, petaxin related; C-reactive protein member of the pentraxin family; C-reactive protein, member of the pentraxin family; Aa1249; Ac1262; Ab1-341; Ab2-196; Ac1-114; Ac2-069;
Gene ID	25419
mRNA Refseq	NM_017096
Protein Refseq	NP_058792
Pathway	Classical antibody-mediated complement activation, organism-specific biosystem; Complement cascade, organism-specific biosystem; Creation of C4 and C2 activators, organism-specific biosystem; Immune System, organism-specific biosystem; Initial triggering of complement, organism-specific biosystem; Innate Immune System, organism-specific biosystem;
Function	cholesterol binding; low-density lipoprotein particle binding; low-density lipoprotein particle binding; metal ion binding; protein binding; protein homodimerization activity;