

## Native Rat Serum C-Reactive Protein

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

### SPECIFICATION

<b>Product Overview</b>	Rat Serum C-Reactive Protein was purified from Rat Serum.
<b>Species</b>	Rat
<b>Source</b>	Rat Serum
<b>Description</b>	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.
<b>Purity</b>	>96% by SDS-PAGE
<b>Stability</b>	2 years
<b>Storage</b>	2-8 °C
<b>Concentration</b>	>0.5 mg/mL

### GENE INFORMATION

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

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<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">25419</a>
<b>mRNA Refseq</b>	<a href="#">NM_017096</a>
<b>Protein Refseq</b>	<a href="#">NP_058792</a>
<b>Pathway</b>	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;
<b>Function</b>	cholesterol binding; low-density lipoprotein particle binding; low-density lipoprotein particle binding; metal ion binding; protein binding; protein homodimerization activity;

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