

## Recombinant Rat CRP/C-Reactive Protein (His Tag)

Catalog No. PKSR040480

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

### Description

<b>Synonyms</b>	C Reactive Protein Pentraxin Related Protein, MGC88244, Pentraxin 1, PTX 1
<b>Species</b>	Rat
<b>Expression Host</b>	E.coli
<b>Sequence</b>	His20-Ser230
<b>Accession</b>	P48199-1
<b>Calculated Molecular Weight</b>	23.3 kDa
<b>Observed molecular weight</b>	24.7 kDa
<b>Tag</b>	N-His
<b>Bioactivity</b>	Testing in progress

### Properties

<b>Purity</b>	> 85 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

### Background

Displays several functions associated with host defense: it promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine. Can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells.

### For Research Use Only