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

Catalog Number: 500988



# **General Information**

## **Gene Name Synonym**

**CRP** 

#### **Protein Construction**

A DNA sequence encoding the rat CRP (NP\_058792.1) extracellular domain (Met 1-Ser 230) was fused with a polyhistidine tag at the C-terminus.

## **Organism**

Rat

# **Expression Host**

**Human Cells** 

# **QC Testing**

#### **Purity**

> 97 % as determined by SDS-PAGE

## **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

## **Stability**

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}$ C

### Predicted N terminal

Glu 21

# **Molecular Mass**

The recombinant rat CRP comprises 221 amino acids and predicts a molecular mass of 24.6 kDa. The apparent molecular mass of the rat CRP is approximately 30 kDa in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile PBS, pH 7.4

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

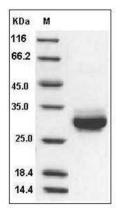
#### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

#### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Rat CRP / C-Reactive Protein (His Tag) SDS-PAGE