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Recombinant

Background

Species	Gene ID	Swiss Prot
Human	1401	P02741

C-His

CRP:PTX1

Basic Information

Recombinant Human C-ReProtein/CRP Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Phe17-Pro224) of human C-Reactive Protein (Accession #NP_000558.2) fused with a 6xHis tag at the C-terminus.

Measured by its binding ability in a functional ELISA. Immobilized Human C-Reactive Protein at 2 µg/mL (100 µL/well) can bind CRP Rabbit mAb with a linear range of 0.488-6.81 ng/mL.

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

HEK293 cells

≥ 95 % as determined by SDS-PAGE.

24.09 kDa

25-30 kDa

< 0.1 EU/μg of the protein by LAL method.

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

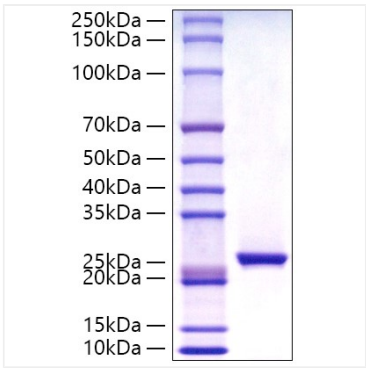
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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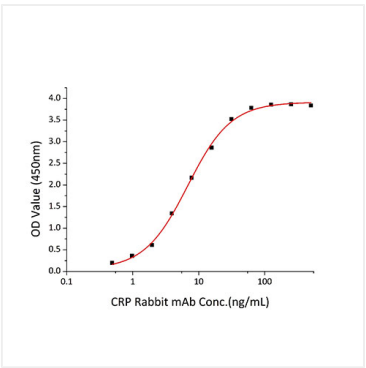
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Validation Data



Recombinant Human C-Reactive Protein/CRP Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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