RP01019

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Recombinant Human C-Reactive Protein/CRP Protein

Catalog No.: RP01019 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	1401	P02741

Tags
C-His

Synonyms
CRP;PTX1

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

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

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

Reconstitution
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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

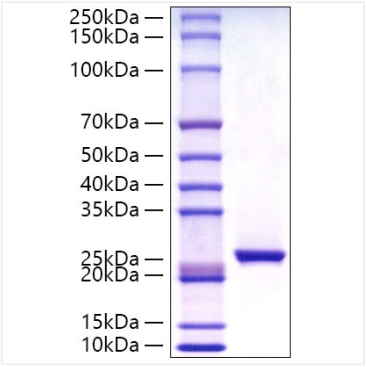
Basic Information

Description
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 6×His tag at the C-terminus.

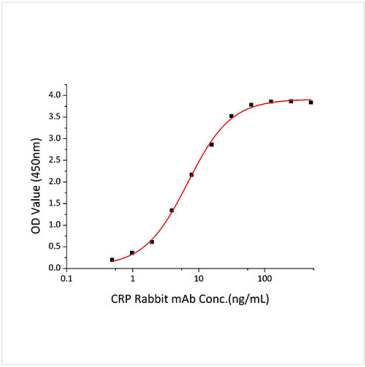
Bio-Activity
Measured by its binding ability in a functional ELISA. Immobilized Human C-Reactive Protein at 2 μg/mL (100 μL/well) can bind CRP Rabbit mAb with a linear range of 0.488-6.81 ng/mL.

Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human C-Reactive Protein/CRP Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 25-30 kDa.



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