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Datasheet for ABIN7534630
CRP Protein (His tag)

Overview

Quantity:	100 µg
Target:	CRP
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CRP protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Human C-Reactive Protein/CRP Protein
Sequence:	FGQTDMSRKA FVFPKESDTS YVSLKAPLTK PLKAFTVCLH FYTELSSTRG YSIFSYATKR QDNEILIFWS KDIGYSFTVG GSEILFEVPE VTVAPVHICT SWESASGIVE FWVDGKPRVR KSLKKGITVG AEASILGQE QDSFGGNFEG SQSLVGDIGN VNMWDFVLSP DEINTIYLGG PFSPNVLNWR ALKYEYQGEV FTKPQLWP
Specificity:	Phe17-Pro224
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	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.

Target Details

Target:	CRP
Alternative Name:	C-Reactive /CRP (CRP Products)
Background:	CRP,PTX1
Gene ID:	1401
UniProt:	P02741
Pathways:	Carbohydrate Homeostasis

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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 stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.