

C Reactive Protein (CRP) Recombinant Protein | CRP recombinant protein

Recombinant C Reactive Protein (CRP)

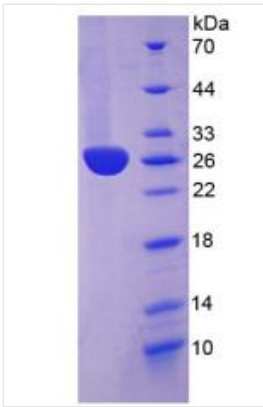
CATALOG # AAA134683	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

C Reactive Protein (CRP); Recombinant C Reactive Protein (CRP); CRP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithone N-terminal his-tag,it ssequencei slistedbel ow. MGH HHHHHSGSEF -AGMHKKAFV FPKESDNSYV SLNAQLKKPL KAFTVCLYFY TDLSMTRGYS IFSYATRRQF NEILLFWSKD IGYSFSVGGD EIIFKVSDIP VDPthLCASW ESSTGIAELW VDGKPMVRKS LKKGYILGPE ASIILGQDQD SFGGSFEKQQ SLVGDIGNVN MWDYALSPEE INTIYAGGTF SPNVLDWREL TYQVRGEVHV KPQLWP
Sequence Length	225
Applicable Applications for CRP recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Oryctolagus cuniculus (Rabbit)
Expression System	Prokaryotic expression
Residues	Ala21~Pro225 (Accession # P02742) with one N-terminal his-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



AGMHKKAFFV PKESDNSYVS LNAQLKKPLK
AFTVCLYFYT DLSMTRGYSI FSYATRRQFN EILLFWSKDI GYSFSVGGDE
IIFKVS DIPV DPTL CASWE SSTGIAELWV DGKPMVRKSL KKG YILGPEA
SIILGQDQDS FGGSFEKQQS LVGDIGNVM WDYALSPEEI NTIYAGGTFS
PNVLDWRELT YQVRGEVHVK PQLWP

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	126722616
NCBI GeneID	100009091
NCBI Accession #	NP_001075734.1
NCBI GenBank Nucleotide #	NM_001082265.1
UniProt Accession #	P02742
Molecular Weight	24.6kDa
NCBI Official Full Name	C-reactive protein
NCBI Official Symbol	CRP
NCBI Official Synonym Symbols	PTX1
NCBI Protein Information	C-reactive protein
UniProt Protein Name	C-reactive protein
UniProt Gene Name	CRP
UniProt Synonym Gene Names	PTX1
UniProt Entry Name	CRP_RABIT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.