

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

Recombinant C Reactive Protein (CRP)

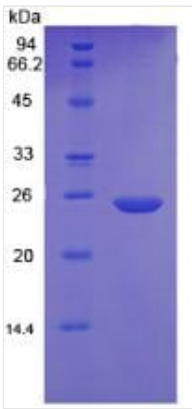
CATALOG # AAA134247	HOST E.coli	REACTIVITY Sus scrofa; Porcine (Pig)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Sus scrofa; Porcine (Pig)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for CRP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Gln20~Pro222
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	9.1
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	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. 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 and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Q TDMIGKAFVF PKESENSYVS LTARLTKPLT
AFTVCLRVYT DLNRDYSLFS YATKTQYNEI LLFRGKTAVY SISVGADVV
FKPHQSSEPM HFCMTWESTS GITELWVDGK PMVRRSLKRG YSLGTQASII
LGQEQDAFAG GFEKNQCLVG DIGDVNMWDY VLSPEEINTV YAGGTFSPNV
LNWRALRYEM SGEVYVKPQL WP

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	55742770
NCBI GeneID	396842
NCBI Accession #	NP_999009.1
NCBI GenBank Nucleotide #	NM_213844.2
UniProt Accession #	O19062
Molecular Weight	Predicted Molecular Mass: 24.1kDa Accurate Molecular Mass: 25kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	C-reactive protein
NCBI Official Symbol	CRP
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_PIG

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.