

Human C-Reactive Protein Recombinant Protein | CRP recombinant protein

Human C-Reactive Protein (rCRP)

CATALOG # AAA78971	HOST E Coli
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PRODUCT SYNONYMS

Human C-Reactive Protein; Human C-Reactive Protein (rCRP); rCRP (human); CRP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	SDS-PAGE: Single band (1ug/lane)
Form/Format	Liquid
Concentration	1mg/mL (calculated by spectrophotometry, epsilon280nm of 1% solution = 17) (varies by lot)
Standard	rCRP-04
Appearance	Clear solution
State	Solution ₂ , 0.14m NaCl, 0.05% NaN ₃ , pH 7.5+/-0.1
Preparation and Storage	Store at 2 to 8 degree C.

ADDITIONAL INFORMATION

Related Product Information for CRP recombinant protein	r-hCRP is produced into culture medium by DNA recombinant procedure in <i>E. Coli</i> as secretory protein. By expressing <i>kil</i> gene, the outer membrane of <i>E. Coli</i> becomes permeable, allowing r-hCRP to be excreted without cell lysis. r-hCRP has similar biological property in terms of Ca ²⁺ -binding ability to the native protein, and is purified by affinity chromatography. N-terminal amino acid sequence of r-hCRP is the same as that of the native human CRP.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17975775
NCBI GeneID	1401
UniProt Accession #	P02741; Q08AK3; Q8WW75; A8K078; D3DVD9; D3DVE0; Q5VVP7
Molecular Weight	25,039 Da
NCBI Official Full Name	CRP
NCBI Official Synonym Full Names	C-reactive protein, pentraxin-related
NCBI Official Symbol	CRP
NCBI Official Synonym Symbols	PTX1; MGC88244; MGC149895
NCBI Protein Information	C-reactive protein; pentraxin 1; OTTHUMP00000033307
UniProt Protein Name	C-reactive protein
UniProt Gene Name	CRP

UniProt Synonym Gene Names	PTX1
UniProt Entry Name	CRP_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/crp-recombinant-protein-e-coli/78971>