

C-Reactive Recombinant Protein | r-CRP recombinant protein

Recombinant Human C-Reactive Protein (rCRP)

CATALOG #
AAA44772

PRODUCT SYNONYMS

C-Reactive; Recombinant Human C-Reactive Protein (rCRP); r-hCRP; C-Reactive Protein (CRP) - >=95% (SDS-PAGE); r-CRP recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	>= 95% (SDS-PAGE)
Form/Format	Liquid
Sequence Length	224
Source	E Coli
Recertification	4 years
Protein	0.5 - 2.0 mg/mL
Preservatives	0.05% Sodium Azide
pH	7.5
CAS Number	99401-15-7
Additional Info	Recombinant CRP monomer is made of 206 amino acids, has the same amino acid sequence as native CRP.
Preparation and Storage	2-8 degree C

ADDITIONAL INFORMATION

Related Product Information for r-CRP recombinant protein	AAA Biotech is a major supplier of recombinant human C-Reactive Protein (rCRP) in bulk and research quantities for research and In Vitro manufacturing for finished products. Custom preparations, technical support, bulk quantities and aliquoting available. C-reactive protein (CRP) is produced by hepatocytes as acute phase reactant to respond to inflammation and tissue damage and consists of five identical subunits under physiological conditions to show pentamer structure as member of pentraxin family. The American Heart Association and the Centers for Disease Control and Prevention published a joint scientific statement in 2003 on the use of inflammatory markers in clinical and public health practice. By patented technology pentamerized active recombinant C-Reactive Protein molecule is secreted into culture medium during E.coli fermentation with host cells having human CRP gene, allowing r-hCRP to be excreted without cell lysis. The patented technology specifies only active r-hCRP to be manufactured, which is equivalent to native one originated from human tissues. This product is affinity-purified by use of phosphorylcholine conjugated matrices..
Product Categories/Family for r-CRP recombinant protein	Recombinant; Proteins; Antigens; Standards/controls; Immunogen; C-reactive Protein (crp)

NCBI AND UNIPROT INFORMATION

NCBI GI #	30224
NCBI GeneID	1401
UniProt Accession #	P02741; Q08AK3; Q8WW75; A8K078; D3DVD9; D3DVE0
Molecular Weight	~23,000
NCBI Official Full Name	C-reactive protein
NCBI Official Synonym Full Names	C-reactive protein, pentraxin-related
NCBI Official Symbol	CRP
NCBI Official Synonym Symbols	PTX1
NCBI Protein Information	C-reactive protein; pentraxin 1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/crp-recombinant-protein/44772>