

C ReProtein (CRP) Active Protein | CRP active protein

Active C Reactive Protein (CRP)

CATALOG # AAA153061	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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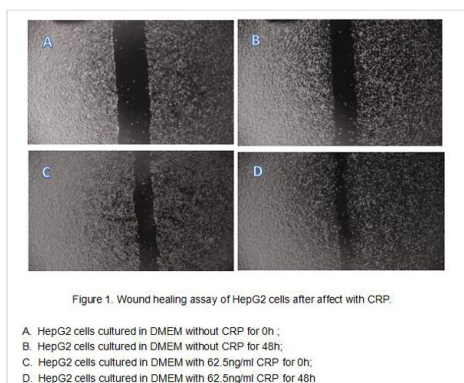
PRODUCT SYNONYMS

C ReProtein (CRP); Active C Reactive Protein (CRP); C Reactive Protein; CRP active protein (prokaryotic); Rat; C-RP; PTX1; Pentraxin-Related; Pentraxin 1; CRP active protein

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	His20~Ser230
Applicable Applications for CRP active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Rat
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.7
Research Area	Tumor immunity
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

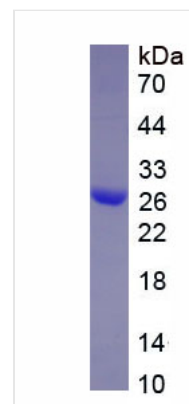


Bioactivity

C-reactive protein (CRP) is an annular (ring-shaped), pentameric protein found in blood plasma, whose levels rise in response to inflammation. It is an acute-phase protein of hepatic origin that increases following interleukin-6 secretion by macrophages a

SDS-PAGE

Figure. SDS-PAGE



ADDITIONAL INFORMATION

Product Categories/Family for CRP active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8393197
NCBI GeneID	25419
NCBI Accession #	NP_058792.1
NCBI GenBank Nucleotide #	NM_017096.3
UniProt Accession #	P48199; Q5BK94
Molecular Weight	25,468 Da
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	Aa1249; Ac1262; Ab1-341; Ab2-196; Ac1-114; Ac2-069; Ba2-693
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_RAT

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/e-coli-active-protein/c-reprotein-crp/153061>