

Active Recombinant Human CRP protein, His-tagged

Cat. No. CRP-7313H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CRP protein(NP_000558.2) (Met 1-Pro 224) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-224 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to bind human CD32a-His in functional ELISA.
Molecular Mass	The secreted recombinant human CRP consists of 217 amino acids and has a predicted molecular mass of 24.7 kDa. The apparent molecular mass of rhCRP is approximately 27 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 92 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CRP C-reactive protein, pentraxin-related [Homo sapiens]
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Official Symbol	CRP
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Synonyms	CRP; C-reactive protein, pentraxin-related; C-reactive protein; pentraxin 1; PTX1; MGC88244; MGC149895;
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Gene ID	1401
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mRNA Refseq	NM_000567
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Protein Refseq	NP_000558
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MIM	123260
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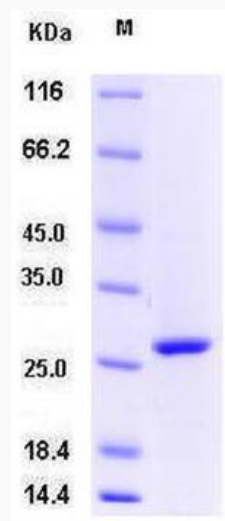
UniProt ID	P02741
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SDS-PAGE



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