

C-REACTIVE PROTEIN Recombinant Protein | CRP recombinant protein

RECOMBINANT DOG C-REACTIVE PROTEIN

CATALOG # AAA50284	REACTIVITY Dog	APPLICATIONS ELISA
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PRODUCT SYNONYMS

C-REACTIVE PROTEIN; RECOMBINANT DOG C-REACTIVE PROTEIN; CRP recombinant protein

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	C-REACTIVE PROTEIN
Purity/Purification	>95%
Form/Format	Purified recombinant protein - lyophilised
Concentration	0.1 mg/ml (varies by lot)
Sequence Length	224
Applicable Applications for CRP recombinant protein	ELISA
Preparation	Purified by affinity chromatography
Buffer Solution	TRIS buffered saline, 2 mM CaCl ₂
Reconstitution	Reconstitute with 1 ml distilled water. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. We recommend that the vial is gently mixed after reconstitution.
Preparation and Storage	Prior to reconstitution store at -20 degree C. After reconstitution store at -20 degree C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Shelf Life: 12 months from date of despatch

ADDITIONAL INFORMATION

Related Product Information for CRP recombinant protein	Recombinant Dog C-reactive Protein is a 204 aa recombinant protein produced in a eukaryotic expression system. C-reactive protein is an acute phase protein, produced by the liver, that is used as a marker of inflammation. Canine C-reactive protein (CRP), as with C-reactive protein in other species, forms a pentamer. Canine CRP differs from human CRP in that two of the subunits making up the pentamer are glycosylated. This recombinant canine CRP is partially glycosylated, and while the pattern of glycosylation differs slightly from that of native canine CRP, SDS page analysis demonstrates that this recombinant canine CRP behaves in a similar way to the native protein. With similar biochemical properties to the native canine CRP, this reagent may be used as a standard in immunoassays for canine CRP.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55770842
NCBI GeneID	1401
NCBI Accession #	NP_000558.2
NCBI GenBank Nucleotide #	NM_000567.2

Molecular Weight	114 kDa
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
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-elisa/50284>