

C-Reactive Protein Recombinant Protein | K9CRP recombinant protein

Recombinant Canine C-Reactive Protein

CATALOG # AAA38070	HOST HEK293 cells
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PRODUCT SYNONYMS

C-Reactive Protein; Recombinant Canine C-Reactive Protein; K9CRP; CRP Canine; C-Reactive Protein Canine Recombinant; C-reactive protein; CRP; PTX1; MGC88244; MGC149895; K9CRP recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	Filtered white lyophilized (freeze-dried) powder. CRP filtered (0.4 um) and lyophilized from 0.5mg/ml in 20mM Tris, 50mM NaCl and 1mM CaCl ₂ , pH7.5.
Sequence	QIDLDEKAFV FPRESENSYV ILFPQLQKPM KAFTVCLQVY TDLTRPHSLF SYATKSQSNE ILLFKERPGL FSVSVGGSDA FINFPQKFYA PQHFCVTWES VTGLTELWVD GKPMVRASLR RGYTVGSGAS IVLGQEQDSF GGGFDKNQSL VGDIEDVNMW DFLVSPSQIL TLYTTRALSP NVLNWRNLRY ETRGEVFLKK ELWS
Solubility	It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely.
Preparation and Storage	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time.

ADDITIONAL INFORMATION

Related Product Information for K9CRP recombinant protein	CRP is an acute phase protein that correlates with inflammatory disease and is synthesized by hepatocytes during the acute phase response by certain cytokines (IL-1 and TNF Alpha and Beta). CRP levels increase dramatically and serve as a useful marker of inflammation in such conditions as bacterial infection, rheumatoid arthritis, viral infections, transplantation rejection, meningitis, myocardial infarction, septicemia, osteomyelitis and others. CRP is also highly correlated to Serum Amyloid A levels. CRP Canine Recombinant is a single, glycosylated polypeptide chain containing 204 amino acids and having a molecular mass of 23.2kDa (calculated).
Product Categories/Family for K9CRP recombinant protein	RECOMBINANT & NATURAL PROTEINS

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.