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32-13169: CRP Canine

Alternative Name : C-reactive protein, CRP, PTX1, MGC88244, MGC149895.

Description

Source: HEK293 cells.
Filtered White lyophilized (freeze-dried) powder.
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 Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	CRP filtered (0.4 µm) and lyophilized from 0.5mg/ml in 20mM Tris, 50mM NaCl and 1mM CaCl2, pH 7.5. 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.
Storage condition :	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; it does not show any change after two weeks at 4°C.
Amino Acid :	QIDLDEKAFV FPRESENSYV ILFPQLQKPM KAFTVCLQVY TDLTRPHSLF SYATKSQSNE ILLFKERPGL FSVSVGGSDA FINFPQKFYA PQHFCVTWES VTGLTELWVD GKPMVRASLR RGYTVGSGAS IVLGQEQDSF GGGFDKNQSL VGDIEDVNMW DFVLSPSQIL TLYTTRALSP NVLNWRNLRY ETRGEVFLKK ELWS

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