

Recombinant Dog C reactive Protein, His tagged

Cat. No. CRP-008D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog C-reactive Protein (CRP; GenBank CDF47287.1) with a 6xHis tag was expressed in CHO cells and purified by nickel affinity chromatography. Because two out of the five cCRP subunits are glycosylated, the protein is detected as a doublet at estimated molecular weights of ~30-35 kDa under reducing SDS-PAGE conditions.
Species	Dog
Source	CHO
Description	Displays several functions associated with host defense: it promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine. Can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells.
Tag	6xHis
Form	Liquid
Purity	>90%
Applications	ELISA, WB
Preservative	None

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Storage Store at -20 centigrade. The thawed product is stable at 2-8 centigrade for one week. Following the initial thaw, please prepare multiple aliquots and store at -20 centigrade. It is not recommended to store the product in a frost-free freezer. Multiple freeze-thaw cycles are not recommended.

Expiration 12 months from shipping date.

Storage Buffer TBS + 0.2M arginine

GENE INFORMATION

Gene Name CRP C-reactive protein [*Canis lupus familiaris* (dog)]

Official Symbol CRP

Synonyms CRP; C-reactive protein

Gene ID 488629

mRNA Refseq NM_001314116

Protein Refseq NP_001301045

UniProt ID T2KEN6

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