

Recombinant Mouse Crp Protein, Myc/DDK-tagged

Cat. No. Crp-2319M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length C-reactive protein, pentraxin-related (Crp), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	25.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Crp C-reactive protein, pentraxin-related [Mus musculus (house mouse)]
Official Symbol	Crp
Synonyms	CRP; C-reactive protein, pentraxin-related; C-reactive protein; C-reactive protein, petaxin related; AI255847
Gene ID	12944
mRNA Refseq	NM_007768
Protein Refseq	NP_031794
UniProt ID	P14847

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