



Recombinant Human C-reactive Protein

Cat. No.: CTP-237

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview This product is a ~24 kDa recombinant human C-reactive protein expressed in the HEK 293 cells.

SPECIFICATIONS

Expressed Host	HEK293T Cells
Molecule Mass	~24 kDa
Purity	≥95% as determined by SDS-PAGE
Specie Reactivity	Human
Target	C-Reactive Protein
Type	Recombinant Protein
Formulation	PBS
Sequence	MEKLLCFLVLTSLSHAFGQTDMSRKA FVFPKESDTSYVSLKAPLTKPLKAFTVCLHFYTE LSSTRGYSIFS YATKRQDNEILIFWSKDIGYSFTVGGSEILFEVPEVTVAPVHICTSWES ASGIVEFWVDGKPRVRKSLKKG YTVGAEASIILGQEQDSFGGNFEGSQSLVGDIGNVNMW DFVLSPDEINTIYLG GPFSPNVLNWRALKYEVQG EVFTKPQLWP
Product Form	Lyophilized
Storage	Store at 2 to 8°C after reconstitution for short term (1-2 weeks). For long term storage, aliquot and store at -20 or -80°C. Avoid repeated freezing and thawing cycles.

PROTEIN INFORMATION

Introduction C-reactive protein 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.

Alternative Names	C-Reactive Protein; C-Reactive Protein, Pentraxin-Related; Pentraxin 1; PTX1
Gene ID	1401
UniProt ID	P02741