

## C-Reactive Protein, Human (HEK293, His)

Cat. No.:	HY-P77637
Synonyms:	C-reactive protein; CRP; PTX1; MGC88244; pentraxin 1; PTX1MGC149895
Species:	Human
Source:	HEK293
Accession:	P02741 (Q19-P224)
Gene ID:	1401
Molecular Weight:	25-27 kDa

### PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	C-Reactive Protein (CRP) exhibits various functions related to host defense. It facilitates agglutination, bacterial capsular swelling, phagocytosis, and complement fixation by binding to phosphorylcholine in a calcium-dependent manner. CRP is also capable of interacting with DNA and histones, and it may scavenge nuclear material that is released from damaged circulating cells.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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