

Recombinant Rhesus monkey CFP protein, His-tagged

Cat. No. CFP-211R Lot. No. (See product label)

SPECIFICATION

Product Overview	Rhesus macaque Properdin, His Tag is expressed from human 293 cells (HEK293). It contains AA Asp 28 - Leu 469 (Accession # F7CGG5-1).
Species	Rhesus macaque
Source	HEK293
ProteinLength	Asp 28-Leu 469
Description	<p>Properdin is also known as Complement factor P, CFP, PFC, a positive regulator of the alternate pathway of complement. It binds to and stabilizes the C3- and C5-convertase enzyme complexes. Properdin is produced by many different leukocyte subsets and circulates as cyclic oligomers of monomeric subunits. Properdin on platelet/granulocyte aggregates(PGA) formation are tightly regulated by Factor H, properdin enhances PGA formation via increased production of C5a, and that inhibition of properdin function has therapeutic potential to limit thromboinflammation in diseases characterized by increased PGA formation.</p>
Predicted N Terminal	Asp 28
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 50.6 kDa. The protein migrates as 55-60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

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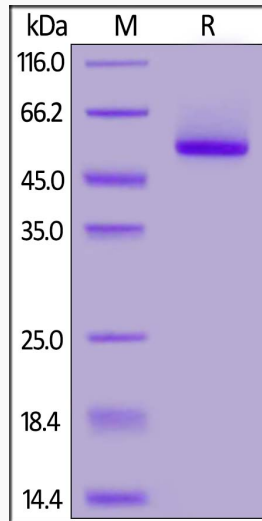


Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CFP complement factor properdin [Macaca mulatta (Rhesus monkey)]
Official Symbol	CFP
Synonyms	Properdin, Complement factor P, CFP, PFC
Gene ID	707386
mRNA Refseq	XM_015127298.2
Protein Refseq	XP_014982784.1
UniProt ID	F7CGG5

SDS-PAGE of CFP-211R



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