

## Complement Factor Properdin Human Recombinant

<b>Item Number</b>	rAP-3073
<b>Synonyms</b>	Properdin, Complement factor P, CFP, PFC, Complement factor properdin, BFD, PFD, PROPERDIN.
<b>Description</b>	CFP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 465 amino acids (28-469 a.a.) and having a molecular mass of 50.9kDa. CFP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P27918
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSDPVLCFT QYEESSGKCK GLLGGGVSV DCCLNTAFAY QKRSGGLCQP CRSRPRWSLWS TWAPCSVTCs EGSQLRYRRC VGWNGQCSGK VAPGTL EWQL QACEDQQCCP EMGGWSGWGP WEPCSVTCSK GTRRRRACN HPAPKCGGHC PGQAQESEAC DTQQVCPTHG AWATWGPWTP CSASCHGGPH EPKETRSRKC SAPEPSQKPP GKPCPGLAYE QRRCTGLPPC PVAGGWGPWG PVSPCPVTG LGQTMEQRTC NHPVPQHGGP FCAGDATRTH IC-NTAVPCPV DGEWDSWGEW SPCIRRNMKs ISCQEIPGQQ SRGRTCRGRK FDGHRCAGQQ QDIR-
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	CFP protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 80.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**