

Complement Component 4 Binding Protein, Beta Human Recombinant

Item Number	rAP-3065
Synonyms	C4b-binding protein beta chain, C4BPB, C4BP.
Description	C4BPB Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 260 amino acids (18-252 a.a) and having a molecular mass of 29kDa.C4BPB is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P20851
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHMSDAEH CPELPPVDNS IFVAKEVEGQ ILGTYVCIKG YHLVGKKTFL CNASKEWDNT TTECRLGHCP DPVLVNGEFS SSGPVNVSDK ITFMCNDHYI LKGSNRSQCL EDHTWAPPFP ICKSRDCDPP GNPVHGYFEG NNFTLGSTIS YYCEDRYYL GVQEQQCVDG EWSSALPVCK LIQEAPKPEC EKALLAFQES KNLCEAMENF MQQLKESGMT MEELKYSLEL KKAELKAKLL.
Source	E.coli.
Physical Appearance and Stability	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.
Formulation and Purity	C4BPB protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol and 0.15M NaCl. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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 ender users! This product is sold for **Research Use Only**