Recombinant Rat Complement component C8 beta chain (C8b)

Product Code	CSB-BP004195RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P55314
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	SVDVTPA PTDCQLSTWS SWTACDPCQK KRYRHTYLLR PSQFYGELCD FSDKEVEDCV TNRACRSQVR CEGFVCAQTG RCVNRRLLCN GDNDCGDQSD EANCRRIYKK CSQDMEQYWA IGNLASGINL FTNTFEGPVL DHRYYAGACS PHYILNTNFR KPYNVESYTP QTQGKYEFAL TEYESYFDFE HNVTEKATSK SSFKFGFKLD GLVEFGVRKE SNEGRHYISR TKRFSHTKSK FLHARSVLEV AHYKLKSRQL MLHYEFLQRV KSLPLEYSYG EYRDLLRDFG THFITEAVLG GIYEYTLIMN KDAMERGDYT LDHVSACAGG GFQIGGNVYK VYLKLGVSEK KCSDILNEIK DRNKRRTMVE DLVVLVRGGT SEYITSLAYK DLPTAELMKE WGDAVQYNPA IIKLKAEPLY ELVTATDFAY SSTVKQNMKK ALEEFQMEVS SCRCAPCRNN GVPILKESRC ECICPAGFQG VACEVTNRKD IPIDGKWSCW SDWSPCSGGR KTRQRQCNNP APQRGGSPCS GPASETLDC
Source	Baculovirus
Target Names	C8b
Protein Names	Recommended name: Complement component C8 beta chain Alternative name(s): Complement component 8 subunit beta
Expression Region	54-589
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	C8 beta is one of the three subunits that comprise the component 8 (C8) of the complement system. C8 participates in the formation of Membrane Attack Complex that results in the lysis of cells. Patients with C8B deficiency are prone to bacteria infection.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.