



Recombinant Mouse Complement component C8 beta chain (C8b)

Product Code	CSB-EP803869MO-B
Abbreviation	C8b
Storage	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.
Uniprot No.	Q8BH35
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	SVAEAPA PIDCELSTWS SWTACDPCQK KRYRHTYLLR PSQFYGELCD LSDKEVEDCV TNQPCRSQVR CEGFVCAQTG RCVNRRLLCN GDNDCGDQSD EANCRRYKN CQREMEQYWA IDRLASGINL FTNTFEGPVL DHRYYAGGCS PHYILD TNFR KPYNVESYTP QTKCEYEFTL TEYESYSDFE RLVIEKKTHM FNFTSGFKVD GVMDLGIKVE SNEGKNYVTR TKRFAHTQSK FLHARSVLEV AHYKLKSRSL MLHYEFLQRV KSLPLEYSYG EYRDLLRDFG THFITEAVLG GIYEYTLIMN KDAMEQGDYT LSHVTACAGG SFGIGGMVYK VYVKVGVSAK KCS DIMKEIN ERNKRSTMVE DLVVLVRGGT SEDITALAYK ELPTPELMEA WGD AVKYNPA IIKIKAEPLY ELVTATDFAY SSTVKQNLKK ALEEFQSEVS SCRCAPCRGN GVPVLKGSRC ECICPGGFQG TACEVTYRKD IPIDGKWSCW SDWSACSGGH KTRHRQCNNP APHKGGSPCS GPASETLNC
Source	E.coli
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.