



Recombinant Human Complement component C8 gamma chain (C8G)

Product Code	CSB-EP004196HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P07360
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	QKPQRPRRPA SPISTIQPKA NFDAQQFAGT WLLVAVGSAC RFLQEQQGHRA EATTLHVAPQ GTAMAVSTFR KLDGICWQVR QLYGDTGVLG RFLQARDAR GAVHVVVAET DYQSFAVLYL ERAGQLSVKL YARSLPVSDS VLSGFEQRVQ EAHLTEDQIF YFPKYGFCEA ADQFHVLDEV RR
Source	E.coli
Target Names	C8G
Protein Names	Recommended name: Complement component C8 gamma chain
Expression Region	21-202
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	C8G is one of the three polypeptides that constitute C8, a component of the complement system. C8 participates in the formation of Membrane Attack Complex (MAC). Patients with deficiency in C8 are vulnerable to certain 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.