# Recombinant Human Complement component C8 gamma chain (C8G)

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| **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 RFLQEQGHRA EATTLHVAPQ GTAMAVSTFR KLDGICWQVR QLYGDTGVLG RFLLQARDAR 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.<br>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. |