



Recombinant Mouse Complement component C8 gamma chain (C8g)

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|--------------------------|---|
| Product Code | CSB-EP823734MO-B |
| Abbreviation | C8g |
| 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. | Q8VCG4 |
| Product Type | Recombinant Protein |
| Immunogen Species | Mus musculus (Mouse) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | QRTRKPIGST SPISTIQAQV NFSAQKFAGT WLLVAVGSSC RFLQEQQHRA EATTLHAAPQ GAAMAVSTFR KLDGICWQVR QLFENTGVPG RFLFQVSRAR GPVHMOVVAET DYQSFAILYL EQGRKLSVKL YVRSPLVNDS VLDVFERRVR EANLTEDQIL FFPKYGFCET ADQLHILNEV PR |
| 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. |