



Recombinant Rat Complement C1q subcomponent subunit C (C1qc)

Product Code	CSB-MP003641RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P31722
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	<p>NA GCYGIPGMPG LPGTPGKDGH DGLQGPKGEP GIPAIPGTQG PKGQKGEPGM PGHRGKNGPM GTSGSPGDPG PRGPPGEPGE EGRYKQKHQS VFTVTRQTAQ YPAANGLVKF NSAITNPQGD YNTNTGKFTC KVPGLYYFVH HTSQTANLCV QLLLNNAKVT SFCDHMSNSK QVSSGGVLLR LQRGDEVWLA VNDYNGMVGT EGSDSVFSGF LLFPD</p>
Source	Mammalian cell
Target Names	C1qc
Protein Names	Recommended name: Complement C1q subcomponent subunit C
Expression Region	29-245
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	<p>This gene encodes a major constituent of the human complement subcomponent C1q. C1q associates with C1r and C1s in order to yield the first component of the serum complement system. A deficiency in C1q has been associated with lupus erythematosus and glomerulonephritis. C1q is composed of 18 polypeptide chains: six A-chains, six B-chains, and six C-chains. Each chain contains a collagen-like region located near the N-terminus, and a C-terminal globular region. The A-, B-, and C-chains are arranged in the order A-C-B on chromosome 1. This gene encodes the C-chain polypeptide of human complement subcomponent C1q. Alternatively spliced transcript variants that encode the same protein have been found for this gene.</p>
Reconstitution	<p>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.</p>
Shelf Life	<p>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</p>



of lyophilized form is 12 months at -20°C/-80°C.