Recombinant Mouse Complement C1q subcomponent subunit B (C1qb)

Product Code	CSB-EP003638MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P14106
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	QSSCT GPPGIPGIPG VPGVPGSDGQ PGTPGIKGEK GLPGLAGDLG EFGEKGDPGI PGTPGKVGPK GPVGPKGTPG PSGPRGPKGD SGDYGATQKV AFSALRTINS PLRPNQVIRF EKVITNANEN YEPRNGKFTC KVPGLYYFTY HASSRGNLCV NLVRGRDRDS MQKVVTFCDY AQNTFQVTTG GVVLKLEQEE VVHLQATDKN SLLGIEGANS IFTGFLLFPD MDA
Source	E.coli
Target Names	C1qb
Protein Names	Recommended name: Complement C1q subcomponent subunit B
Expression Region	26-253
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	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. Deficiency of 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 B-chain polypeptide of human complement subcomponent C1q
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.