



Recombinant Mouse Complement C2 (C2)

Product Code	CSB-MP003658MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P21180
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	AL FCNQNVNITG GNFTLSHGWA PGSLLIYSCP LGRYPSPAWR KCQSNQWLT PRSSSHHTLR SSRMVKAVCK PVRCLAPSSF ENGIYFPRLV SYPVGSNVSF ECEQDFTLRG SPVRYCRPNG LWDGETAVCD NGASHCPNPG ISVGTARTGL NFDLGDKVRY RCSSSNMVLTS GSAERECQSN GVWVGSEPIC RQPYSYDFPE DVASALDTSL TNLLGATNPT QNLLTKSLGR KIIQRSGHL NLYLLLDASQ SVTEKDFDIF KKSaelMVER IFSFEVNVSV AIITFASQPK TIMSILSERS QDVTEVITSL DSASYKDHEN ATGTNTYEVL IRVYSMMQSQ MDRLGMETSA WKEIRHTIIL LTDGKSNMGD SPKKAVTRIR ELLSIEQNRD DYLDIYAIGV GKLDVDWKEL NELGSKKDGE RHAFILQDAK ALQQIFEHML DVSKLTD TIC GVGNM SANAS DQERTPWQVT FPKPKSKETCQ GSLISDQWVL TAAHCFHDIQ MEDHHLWRVN VGDPTSQHGK EFLVEDVIA PGFNVHAKRK QGISEFYADD IALLKLSRKV KMSTHARPIC LPCTVGANMA LRRSPGSTCK DHETELLSQQ KVP AHFVALN GNRLNINLRT GPEWTRCIQA VSQKNIFPS LTNVSEVVD QFLCSGMEEE DDNPCKGESG GAVFLGRRYR FFQVGLVSWG LFDPC HGSSN KNLRKKPPRG VLPRDFHISL FRLQPWLRQH LDGVLDFLPL
Source	Mammalian cell
Target Names	C2
Protein Names	Recommended name: Complement C2 EC= 3.4.21.43 Alternative name(s): C3/C5 convertase Cleaved into the following 2 chains: 1. Complement C2b fragment 2. Complement C2a fragment
Expression Region	19-760
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
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.