



# Recombinant Mouse Complement C2 (C2)

<b>Product Code</b>	CSB-EP003658MO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P21180
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>AL FCNQNVNITG GNFTLSHGWA PGSLLIYSCP LGRYPSPAWR            KCQSNQWLT PRSSSHHTLR SSRMVKAVCK PVRCLAPSSF ENGIYFPRLV            SYPVGSNVSF ECEQDFTLRG SPVRYCRPNG LWDGETAVCD            NGASHCPNPG ISVGTARTGL NFDLGDKVRY RCSSSNMVLTS GSAERECQSN            GVWSGSEPIC 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 DVSKLTDTIC GVGNMASANAS DQERTPWQVT FPKPKSKETCQ            GSLISDQWVL TAAHCFHDIQ MEDHHLWRVN VGDPTSQHGK EFLVEDVIA            PGFNVHAKRK QGISEFYADD IALLKLSRKV KMSTHARPIC LPCTVGANMA            LRRSPGSTCK DHETELLSQQ KVPAHFVALN GNRLNINLRT GPEWTRCIQA            VSQKNIFPS LTNVSEVVD QFLCSGMEEE DDNPCKGESG GAVFLGRRYR            FFQVGLVSWG LFDPCHGSSN KNLRKKPPRG VLPRDFHISL FRLQPWLRQH            LDGVLDFLPL</p>
<b>Source</b>	E.coli
<b>Target Names</b>	C2
<b>Protein Names</b>	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
<b>Expression Region</b>	19-760
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.