



# Recombinant Mouse Complement C5 (C5), partial

<b>Product Code</b>	CSB-YP003995MO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P06684
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>QE QTYVISAPKI LRVGSSENVV IQVHGYTEAF DATLSLKSYP DKKVTFSSGY  VNLSPENKFQ NAALLTLQPN QVPREESPVS HVYLEVVS KH FSKSKKIPIT  YNNGILFIHT DKPVYTPDQS VKIRVYSLGD DLKPAKRETV LTFIDPEGSE  VDIVEENDYT GIISFPDFKI PSNPKYGVWT IKANYKKDFT TTGTAYFEIK  EYVLPFRFSVS IELERTFIGY KNFKNFEITV KARYFYNKVV PDAEVYAFFG  LREDIKDEEK QMMHKATQAA KLVDGVAQIS FDSETAVKEL SYNSLEDLNN  KYLIAVTVT ESSGGFSEEA EIPGVKYVLS PYTLNLVATP LFKPGIPFS  IKAQVKDSLE QAVGGVPVTL MAQTVDVNQE TSDLETKRSI THDTDGVAVF  VLNLPSNVTV LKFEIRTD DP ELPEENQASK EYEAVAYSSL SQSYIYIAWT  ENYKPM LVGE YLNIMVTPKS PYIDKITHYN YLILSKGKIV QYGTREKLFS  STYQNINIPV TQNMVPSARL LVYYIVTGEQ TAE LVADAVW INIEEKCGNQ  LQVHLSPDEY VYSPGQTVSL DMVTEADSWV ALSAVDRAVY KVQGN AKRAM  QRVFQALDEK SDLGCGAGGG HDNADVFLA GLTFLTNANA DDSHYRDDSC  KEIL</p>
<b>Source</b>	Yeast
<b>Target Names</b>	C5
<b>Protein Names</b>	Recommended name: Complement C5 Alternative name(s): Hemolytic complement Cleaved into the following 4 chains: 1. Complement C5 beta chain 2. Complement C5 alpha chain 3. C5a anaphylatoxin 4. Complement C5 alpha' chain
<b>Expression Region</b>	19-674
<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>	Partial
<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.