



Recombinant Mouse Complement C5 (C5), partial

Product Code	CSB-EP003995MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P06684
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	QE QTYVISAPKI LRVGSSENVV IQVHGYTEAF DATLSLKSYD DKKVTFSSGY VNLSPENKFQ NAALLTLQPN QVPREESPVS HVYLEVVSXH FSKSKKIPIT YNNGILFIHT DKPVYTPDQS VKIRVYSLGD DLKPAKRETV LTFIDPEGSE VDIVEENDYT GIISFPDFKI PSNPYGVWT IKANYKKDFT TTGTAYFEIK EYVLPFRFSVS IELERTFIGY KNFKNFEITV KARYFYNKVV PDAEVYAFFG LREDIKDEEK QMMHKATQAA KLVDGVAQIS FDSETAVKEL SYNSLEDLNN KYLIAVTVT ESSGGFSEEA EIPGVKYVLS PYTLNLVATP LFKVPGIPFS IKAQVKDSLE QAVGGVPVTL MAQTVDVNQE TSDLETKRSI THD TDGVAVF VLNLPSNVTV LKFEIRTD DP ELPEENQASK EYEAVAYSSL SQSYIYIAWT ENYKPM LVGE YLNIMVTPKS PYIDKITHYN YLILSKGKIV QYGTREKLFS STYQINIPV TQNMVPSARL LVYYIVTGEQ TAE LVADAVW INIEEKCGNQ LQVHLSPDEY VYSPGQTVSL DMVTEADSWV ALSAVDRAVY KVQGN AKRAM QRVFQALDEK SDLGCGAGGG HDNADVFLA GLTFLTNANA DDSHYRDDSC KEIL
Source	E.coli
Target Names	C5
Protein Names	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
Expression Region	19-674
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	Partial
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.