



Recombinant Rat Complement C4 (C4), partial

Product Code	CSB-EP357446RA-B
Storage	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.
Uniprot No.	P08649
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	K PRLLLFSPSV VNLGTPLSVG VQLLDAPAGQ EVKGSVYLRN PTSGPCSPKK DFKLSSGNDF VLLRLEVPLK DVRSCGLFGL RRAPHIQLVA HSPWLKNTAS KATETQGVNL LFSSRRGHIF VQTDQPIYNP GQVRVYRVFA LDQKMRPSTD TLTVTVENSH GLRVRKKEVF APTSIFQDDF IIPDISEPGT WKISARFSDG LESNRSTHFE VKKYVLPNFE VKLTPWKPYI LTVPSYREEI QLDVQARYVY GKPVQGVAYT RFALMDEQ GK KSFLRGLTQ TKLVEGQTHI SISRDQFQAA LGKVNTEIGD LEGLRLYAAV AVIESPGGEM EEAELTSWPF VSSAFSLDLS HTKQHLVPGA PFLQLALVRE MSGSEASDVP VKVSATLLSG SDSKVLDFQQ NTNGIGQVSF SIHVPPTITE LRLLSVAGSL YPAVAKLTVQ APPSRGPGFL SIEPLDLRSP RVGDTFVLSL RTVGIPMPF SHYYMIISR GQIMAMSREP RRALTSISVL VDHHLAPSFY FVAYFYHQGL PVANLLINV QPGDCEGKLE LKVDGAKEYR NGDSMKLQLQ TDSEALVALG AVDTALYAVG GRSHKPLDMS KVFEVMNSYN LGCGPGGGDD ALQVFQTAGL AFSDGDRLTQ TKENLSCPKE KKS
Source	E.coli
Target Names	C4
Protein Names	Recommended name: Complement C4 Cleaved into the following 4 chains: 1. Complement C4 beta chain 2. Complement C4 alpha chain 3. C4a anaphylatoxin 4. Complement C4 gamma chain
Expression Region	20-673
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.