



Recombinant Human Complement C2 (C2)

Product Code	CSB-EP003658HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P06681
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	APSCPQNVNI SGGTFTLSHG WAPGSLLTYS CPQGLYPSPA SRLCKSSGQW QTPGATRSLK KAVCKPVRCP APVSFENGIY TPRLGSYPVG GNVSFECEDG FILRGSPVRQ CRPNGMWDGE TAVCDNGAGH CPNPGISLGA VRTGFRFGHG DKVRYRCSSN LVLTGSSERE CQGNGVWSGT EPICRQPYSY DFPEDVAPAL GTSFSHMLGA TNPTQKTKEK LGRKIQIQRK GHLNLYLLLD CSQSVSEDF LIFKESASLM VDRIFSFEIN VSVAITFAS EPKVLMSVLN DNSRDMTEVI SSLENANYKD HENGTGTNTY AALNSVYLMM NNQMRLLGME TMAWQEIRHA IILLTDGKSN MGGSPKTAVD HIREILNINQ KRNDYLDIYA IGVGKLDVDW RELNELGSKK DGERHAFILQ DTKALHQVFE HMLDVSKLTD TICGVTGNMSA NASDQERTPW HVTIKPKSQE TCRGALISDQ WVLTAAHCFR DGNHSLWRV NVGDPKSQWG KEFLIEKAVI SPGFDVFAKK NQGILEFYGD DIALKLAQK VKMSTHARPI CLPCTMEANL ALRRPQGSTC RDHENELLNK QSVPAHFVAL NGSKLNINLK MGVEWTSKAE VVSQEKTMFP NLTDVREVVT DQFLCSGTQE DESPCKGESG GAVFLERRFR FFQVGLVSWG LYNPCLGSAD KNSRKRAPRS KVPPPRDFHI NLFMRQPWLR QHLGDVNLFL PL
Source	E.coli
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	21-752
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.