



# Recombinant Human Complement C2 (C2)

<b>Product Code</b>	CSB-EP003658HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P06681
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	APSCPQNVNI SGGTFTLSHG WAPGSLLTYS CPQGLYPSA SRLCKSSGQW QTPGATRSLK KAVCKPVRCP APVSFENGIY TPRLGSYPVG GNVSFECEDG FILRGSPVRQ CRPNGMWDGE TAVCDNGAGH CPNPGISLGA VRTGFRFGHG DKVRYRCSSN LVLTGSSERE CQGNVWSGT EPICRQPYSY DFPEDVAPAL GTSFHTMLGA TNPTQKTKE LGRKIQRSL GHLNLYLLLD CSQSVSEDF LIFKESASLM VDRIFSFEIN VSVAITFAS EPKVLMSVLN DNSRDMTEVI SSLENANYKD HENGTGTNTY AALNSVYLMN NNQMRLLGME TMAWQEIRHA IILLTDGKSN MGGSPKTAVD HIREILNINQ KRNDYLDIYA IGVGKLDVDW RELNELGSKK DGERHAFILQ DTKALHQVFE HMLDVSKLTD TICGVGNMSA NASDQERTPW HVTIKPKSQE TCRGALISDQ WVLTAAHCFR DGNHSLWRV NVGDPKSQWG KEFLIEKAVI SPGFDVFAKK NQGILEFYGD DIALKLAQK VKMSTHARPI CLPCTMEANL ALRRPQGSTC RDHENELLNK QSVAHFVAL NGSKLNINLK MGVEWTSACV VVSQEKTMFP NLTDVREVVT DQFLCSGTQE DESPCKGESG GAVFLERRFR FFQVGLVSWG LYNPCLGSAD KNSRKRAPRS KVPPPRDFHI NLFMRQPWLR QHLGDVNLFL PL
<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>	21-752
<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.