



# Recombinant Bovine Clathrin heavy chain 1 (CLTC), partial

<b>Product Code</b>	CSB-EP005593BO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P49951
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AQILPIRFQ EHLQLQNLGI NPANIGFSTL TMESDKFICI REKVGEEQAQV VIIDMNDPSN PIRRPISADS AIMNPASKVI ALKAGKTLQI FNIEMKSKMK AHTMTDDVTF WKWISLNTVA LVTDNAVYHW SMEGESQPVK MFD RHSSLAG CQIINYRTDA KQKWLLLTGI SAQQNRVVG A MQLYSVDRKV SQPIEGHAAS FAQFKMEGNA EESTLFCFAV RGQAGGKLHI IEVGTPTTGN QPFPKKAVDV FFPPEAQNDF PVAMQISEKH DVVFLITKYG YIHLYDLETG TCIYMNRI ETIFVTAPHE ATAGIIGVNR KGQVLSVCVE EENIIPYITN VLQNPDLALR MAVRNNLAGA EELFARKFNA LFAQGNYSEA AKVAANAPKG ILRTPDTIRR FQSVPAQPGQ TSPLLQYFGI LLDQGQLNKY ESLELCRPVL QQGRKQLEK WLKEDKLECS EELGDLVKSVDPTLALS VYL RANVPNKVIQ CFAETGQVQK IVLYAKKVG Y TPDWIFLLRN VMRISPDQGG QFAQMLVQDE EPLADITQIV DVFMEYNLIQ QCTAFLLDAL KNNRPSEG PL QTRLLEMNLM HAPQVADAIL GNQMFTHYDR AHIAQLCEKA GLLQRALEHF TDLYDIKRAV VHTHLLNPEW LVNYFGSLSV EDSLECLRAM LSANIRQNLQ ICVQVASKYH EQLSTQSLIE LFESFKSFEG LFYFLGSIVN FSQDPDVHFK YIQAACKTGQ IKEVERICRE SNCYDPERVK NFLKEAKLTD QLPLIIVCDR FDFVHDLVLY LYRNNLQKYI EIVVQKVNPS RLPV VIGGL DVDCSE DVIK NLILVVRGQF STDELVAEVE KRNRLKLLLP WLEARIHEGC EEPATHNALA KIYIDSNNNP ERFLREN PYY DSRVVGKYCE KRDPHLACVA YERGQCDLEL INVCNENSLF KSLSRYLVR KDPELWGSVL LESNPYRRPL IDQVVQTALS ETQDP EEVSV TVKAFMTADL PNELIELLEK IVLDNSVFSE HRNLQNL LIL TAIKADRTRV MEYINRLDNY DAPDIANIAI SNELFEEAFA IFRKFDVNTS AVQV LIEHIG NLD RAYEFAE RCNEPAVWSQ LAKAQLQKGM VKEAIDSYIK ADDPSSYMEV VQAANTS GNW EELVKYLQMA RKKARES YVE TELIFALAKT NRLAELEEFI NGPNNAHIQQ VGDRCYDEKM YDAAKLLYNN VSNFGR LAST LVHLGEYQAA VDGARKANST RTWKEVCFAC VDGKEFRLAQ MCGLHIVVHA DELEELINYY QDRGYFEELI TMLEAALGLE RAHMGMFTEL AILYSKFKPQ KMREHLELFW SRVNIPKVL AAEQAHLWAE LVFLYDKYEE YDNAITMMN HPTDAWKEGQ FKDIITKVAN VELYYRAIQF YLEFKPLLLN DLLMVLSPRL DHTRAVNYFS KVKQLPLVKP YLRVSVQNHNN KSVNESLNNL FITEEDYQAL RTSIDAYDNF DNISLAQRLE KHELIEFRRI AAYLFKGNR WKQSVELCKK DSLYKDAMQY ASESKDTELA EELLQWFLQE EKRECFGACL FTCYDLLRPD VVLETAWRHN IMDFAMPYFI QVMKEYLTKV DKLDASESLR KEEEQATETQ PIVYGQPQLM LTAGPSVAVP PQAPFGYGYT APAYGQPQPG FGYSM
<b>Source</b>	E.coli



<b>Target Names</b>	CLTC
<b>Protein Names</b>	Recommended name: Clathrin heavy chain 1
<b>Expression Region</b>	2-1675
<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>Target Details</b>	Clathrin is a major protein component of the cytoplasmic face of intracellular organelles, called coated vesicles and coated pits. These specialized organelles are involved in the intracellular trafficking of receptors and endocytosis of a variety of macromolecules. The basic subunit of the clathrin coat is composed of three heavy chains and three light chains.
<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.