



# Recombinant Rat Clathrin heavy chain 1 (Cltc), partial

<b>Product Code</b>	CSB-EP005593RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P11442
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>AQILPIRFQ EHLQLQNLGI NPANIGFSTL TMESDKFICI REKVGEEQAQV  VIIDMNDPSN PIRRPISADS AIMNPASKVI ALKAGKTLQI FNIEMKSKMK  AHTMTDDVTF WKWISLNTVA LVTDNAVYHW SMEGESQPVK MFDRHSSLAG  CQIINYRTDA KQKWLLLTGI SAQQNRVVG A MQLYSVDRKV SQPIEGHAAS  FAQFKMEGNA EESTLFCFAV RGQAGGKLHI IEVGTPTTGN QPFPKKAQV  FFPPEAQNDF PVAMQISEKH DVVFLITKYG YIHLYDLETG TCIYMNRI  ETIFVTAPHE ATAGIIGVNR KGQVLSVCVE EENIIPYITN VLQNPDLALR  MAVRNNLAGA EELFARKFNA LFAQGNYSEA AKVAANAPKG ILRTPDTIRR  FQSVPAQPGQ TSPLLQYFGI LLDQGQLNKY ESLELCRPVL QQGRKQLEK  WLKEDKLECS EELGDLVKSVDPTLALSIVYL RANVPNKVIQ CFAETGQVQK  IVLYAKKVGYPDWIFLLRN VMRISPDQGGQ QFAQMLVQDE EPLADITQIV  DVFMEYNLIQ QCTAFLLDAL KNNRPSEGPL QTRLLEMNLM HAPQVADAIL  GNQMFTHYDR AHIAQLCEKA GLLQRALEHF TDLYDIKRAV VHTHLLNPEW  LVNYFGSLSV EDSLECLRAM LSANIRQNLQ IWWQVASKYH EQLSTQSLIE  LFESFKSFEG LFYFLGSIVN FSQDPDVHFK YIQAACKTGQ IKEVERICRE  SNCYDPERVK NFLKEAKLTD QLPLIIVCDR FDFVHDLVLY LYRNSLQKYI  EIYVQKVNPS RLPVIGGLL DVDCSEDIK NLILVVRGQF STDELVAEVE  KRNRLKLLLP WLEARIHEGC EEPATHNALA KIYIDSNNNP ERFLRENPHY  DSRVVGKYCE KRDPHLACVA YERGQCDLEL INVCNENSLF KSLSRYLVR  KDPELWGSVL LESNPYRRPL IDQVVQTALS ETQDPEEVSV TVKAFMTADL  PNELIELLEK IVLDNSVFSE HRNLQNLIL TAIKADRTRV MEYINRLDNY  DAPDIANIAI SNELFEEAFA IFRKFDVNTS AVQVLIHIG NLDRAYEFAE  RCNEPAVWSQ LAKAQLQKGM VKEAIDSYIK ADDPSSYMEV VQAANTSGNW  EELVKYLQMA RKKARESIVE TELIFALAKT NRLAELEEFI NGPNNAHIQQ  VGDRCYDEKM YDAAKLLYNN VSNFGRLAST LVHLLGEYQAA VDGARKANST  RTWKEVCFAC VDGKEFRLAQ MCGLHIVVHA DELEELINYY QDRGYFEELI  TMLEAALGLE RAHMGMFTEL AILYSKFKPQ KMREHLELFW SRVNIPKVL  AAEQAHLWAE LVFLYDKYEE YDNAITMMN HPTDAWKEGQ FKDIITKVN  VELYYKAIQF YLEFKPLLLN DLLMVLSPRL AHTRAVNYFS KVKQLPLVKP  YLRVSVQNHNN KSVNESLNNL FITEEDYQAL RTSIDAYDNF DNISLAQRLE  KHELIEFRRI AAYLFKGNR WKQSVELCKK DSLYKDAMQY ASESKDTELA  EELLQWFLQE EKRECFGACL FTCYDLLRPD VVLETAWRHN IMDFAMPYFI  QVMKEYLTKV DKLDASESLR KEEEQATETQ PIVYGGPQLM LTAGPSVAVP  PQAPFGYGYT APPYGGPQPG FGYSM</p>
<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.