



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

<b>Product Code</b>	CSB-MP718085MO
<b>Abbreviation</b>	Cltc
<b>Storage</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.
<b>Uniprot No.</b>	Q68FD5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AQILPIRFQ EHLQLQNLGI NPANIGFSTL TMESDKFICI REKVGEQAQV VIIDMNDPSN PIRRPISADS AIMNPASKVI ALKAGKTLQI FNIEMKSKMK AHTMTDDVTF WKWISLNTVA LVTDNAVYHW SMEGESQPVK MFD RHSSLAG CQIINYRTDA KQKWLLLTGI SAQQNRVVG MQLYSVDRKV SQPIEGHAAS FAQFKMEGNA EESTLFCFAV RGQAGGKLHI IEVGTPPTGN QPFPKKAQVDV FFPPEAQNDF PVAMQISEKH DVVFLITKYG YIHLYDLETG TCIYMNRISS ETIFVTAPHE ATAGIIGVNR KGQVLSVCVE EENIIPYITN VLQNPDLALR MAVRNNLAGA EELFARKFNA LFAQGNYSEA AKVAANAPKG ILRTPDTIRR FQSVPAQPGQ TSPLLQYFGI LLDQGQLNKY ESLELCRPVL QQGRKQLLEK WLKEDKLECS EELGDLVKSVDPTLALSVYL RANVPNKVIQ CFAETGQVQK IVLYAKKVGYPDWIFLLRN VMRISPDQGGQ QFAQMLVQDE EPLADITQIV DVFMEYNLIQ QCTAFLLDAL KNNRPSEGPL QTRLLEMNLM HAPQVADAIL GNQMFTHYDR AHIAQLCEKA GLLQRALEHF TDLYDIKRAV VHTHLLNPEW LVNYFGSLSV EDSLECLRAM LSAIRQNLQ ICVQVASKYH EQLSTQSLIE LFESFKSFEG LFYFLGSIVN FSQDPDVHFK YIQAACKTGQ IKEVERICRE SNCYDPERVK NFLKEAKLTD QLPLIIVCDR FDFVHDLVLY LYRNNLQKYI EIVVQKVNPS RLPVVIGGLL DVDCSEDAIK NLILVVRGQF STDELVAEVE KRNRLKLLLP WLEARIHEGC EEPATHNALA KIYIDSNNNP ERFLRENPY DSRVVGKYCE KRDPHLACVA YERGQCDLEL INVCNENSLF KLSRYLVRR KDPELWGSVL LESNPYRRPL IDQVVQTALS ETQDPEEVS SVTVKAFMTADL PNELIELLEK IVLDNSVFSE HRNLQNLIL TAIKADRTRV MEYINRLDNY DAPDIANIAI SNELFEEAFA IFRKFDVNTS AVQVLIHIG NLDRAEFYAE RCNEPAVWSQ LAKAQLQKGM VKEAIDSYIK ADDPSSYMEV VQAANASGNW EELVKYLQMA RKKARESYVE TELIFALAKT NRLAELEEFI NGPNNAHIQQ VGDRCYDEKM YDAAKLLYNN VSNFGRLAST LVHLGEYQAA VDGARKANST RTWKEVCFAC VDGKEFRLAQ MCGLHIVVHA DELEELINYY QDRGYFEELI TMLEAALGLE RAHMGMFTEL AILYSKFKPQ KMREHLELFW SRVNIPKVL R AAEQAHLWAE LVFLYDKYEE YDNAITMMN HPTDAWKEGQ FKDIITKVAN VELYYKAIQF YLEFKPLLLN DLLMVLSPRL DHTRAVNYFS KVKQLPLVKP YLRVSVQNHNN KSVNESLNNL FITEEDYQAL RTSIDAYDNF DNISLAQRLE KHELIEFRRI AAYLFGKNNR WKQSVELCKK DSLYKDAMQY ASESKDTELA



EELLQWFLQE EKRECFGACL FTCYDLLRPD VVLETAWRHN IMDFAMPYFI  
QVMKEYLTKV DKLDASESLR KEEEQATETQ PIVYGQPQLM LTAGPSVAVP  
PQAPFGYGYT APPYGQPQPG FGYSM

<b>Source</b>	Mammalian cell
<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.