



Recombinant Rat Clathrin heavy chain 1 (Cltc), partial

Product Code	CSB-MP005593RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P11442
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	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 QPFPKKAQVDV FFPPEAQNDF PVAMQISEKH DVVFLITKYG YIHLYDLETG TCIYMNRISSG ETIFVTAPHE ATAGIIGVNR KGQVLSVCVE EENIIPYITN VLQNPDLALR MAVRNNLAGA EELFARKFNA LFAQGNYSEA AKVAANAPKG ILRTPDTIRR FQSVPAQPGQ TSPLLQYFGI LLDQGQLNKY ESLELCRPVL QQGRKQLEK WLKEDKLECS EELGDLVKSVDPTLALSIVYL RANVPNKVIQ CFAETGQVQK IVLYAKKVG Y TPDWIFLLRN VMRISPDQGG 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 EIVVQKVNPS RLPVIGGLL DVDCSEDIK NLILVVRGQF STDELVAEVE KRNRLKLLLP WLEARIHEGC EEPATHNALA KIYIDSNNNP ERFLRENPPY DSRVVGKYCE KRDPHLACVA YERGQCDLEL INVCNENSLF KSLSRYLVR KDPELWGSVL LESNPYRRPL IDQVVQTALS ETQDPEEVS V TVKAFMTADL PNELIELLEK IVLDNSVFSE HRNLQNLIL TAIKADRTRV MEYINRLDNY DAPDIANIAI SNELFEEAFA IFRKFDVNTS AVQV LIEHIG NLD RAYEFAE RCNEPAVWSQ LAKAQLQKGM VKEAIDSYIK ADDPSSYMEV VQAANTSGNW EELVKYLQMA RKKARESYVE TELIFALAKT NRLAELEEFI NGPNNAHIQQ VGDRCYDEKM YDAAKLLYNN VSNFGRLAST LVH LGEYQAA VDGARKANST RTWKEVCFAC VDGKEFRLAQ MCGLHIVVHA DELEELINYY QDRGYFEELI TMLEAALGLE RAHMGMFTEL AILYSKFKPQ KMREHLELFW SRVNIPKVL AAEQAHLWAE LVFLYDKYEE YDNAITMMN HPTDAWKEGQ FKDIITKVAN VELYYKAIQF YLEFKPLLLN DLLMVLSPRL AHTRAVNYFS KVKQLPLVKP YLRVQNHNN KSVNESLNNL FITEEDYQAL RTSIDAYDNF DNISLAQRLE KHELIEFRRI AAYLFKGNR WKQSVELCKK DSLYKDAMQY ASESKDELA EELLQWFLQE EKRECFGACL FTCYDLLRPD VVLETAWRHN IMDFAMPYFI QVMKEYLTKV DKLDASESLR KEEEQATETQ PIVYGGPQLM LTAGPSVAVP PQAPFGYGYT APPYGGPQPG FGYSM
Source	Mammalian cell



Target Names	Cltc
Protein Names	Recommended name: Clathrin heavy chain 1
Expression Region	2-1675
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	Partial
Target Details	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.
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.