



Recombinant Rat Clathrin light chain B (Cltb)

Product Code	CSB-EP005592RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P08082
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MAEDFGFFSS SESGAPEAAE EDPAAFLAQ QESEIAGIEN DSGFGAPAAS QVASAQPLA SGGGSEDMGT TVNGDVFQEA NGPADGYAAI AQADRLTQEP ESIRKWREEQ KKRLQELDAA SKVTEQEWRE KAKKDLEEWN QRQSEQVEKN KINNRIADKA FYQQPDADTI GYVASEEAFV KESKEETPGT EWEKVAQLCD FNPKSSKQCK DVSRLRSVLM SLKQTPLSR
Source	E.coli
Target Names	Cltb
Protein Names	Recommended name: Clathrin light chain B Short name= Lcb
Expression Region	1-229
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	Full length protein
Target Details	Clathrin is a large, soluble protein composed of heavy and light chains. It functions as the main structural component of the lattice-type cytoplasmic face of coated pits and vesicles which entrap specific macromolecules during receptor-mediated endocytosis. This gene encodes one of two clathrin light chain proteins which are believed to function as regulatory elements. Alternative splicing results in multiple transcript variants.
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.