



# Recombinant Mouse Clathrin light chain A (Clta)

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|--------------------------|--|
| <b>Product Code</b>      | CSB-BP005591MO   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | O08585   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Mus musculus (Mouse)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MAELDPFGAP AGAPGGPALG NGVAGAGEED PAAFLAQQE SEIAGIENDE<br>AFAILDGGAP GRATRRAAGG PDAVDGVMNG EYYQESNGPT DSYAAISEVD<br>RLQSEPE SIR KWREEQTERL EALDANSRKQ EA EWKEKAIK ELEEYARQD<br>EQLQKTKANN RVADEAFYKQ PFADLIGYVA AEEAFVNDID ESSPGTEWER<br>VARLCDFNPK SSKQAKDVSR MRSVLISLKQ APLVH   |
| <b>Source</b>            | Baculovirus  |
| <b>Target Names</b>      | Clta   |
| <b>Protein Names</b>     | Recommended name: Clathrin light chain A Short name= Lca   |
| <b>Expression Region</b> | 1-235  |
| <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>    | Full length protein  |
| <b>Target Details</b>    | 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. |
| <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.<br>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.   |