

Recombinant Human CLTB Protein, His-tagged

Cat. No. CLTB-801H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLTB Protein (Met1-Arg229) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Arg229
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.9 kDa; Accurate Molecular Mass: 39 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

CLTB clathrin, light chain B [Homo sapiens (human)]

Official Symbol

CLTB

Synonyms

CLTB; clathrin, light chain B; clathrin, light polypeptide (Lcb); clathrin light chain B; Lcb; clathrin, light chain (Lcb); LCB;

Gene ID

1212

mRNA Refseq

NM_001834

Protein Refseq

NP_001825

MIM

118970

UniProt ID

P09497

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