

Recombinant Human CLTB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CLTB-4563H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CLTB MS Standard C13 and N15-labeled recombinant protein (NP_009028) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	25 kDa
AA Sequence	MADDFGFFSSSESGAPEAAEEDPAAAFQAQQESEIAGIENDEGFGAPAGSHAAPAQ PGPTSGAGSEDMGTTVNGDVFQEANGPADGYAAIAQADRLTQEPESIRKWREEQR KRLQELDAASKVTEQEWREKAKKDLEEWNRQSEQVEKNKINNRIADKAFYQQPD ADIIGYVASEEAFVKESKEETPGTEWEKVAQLCDFNPKSSKQCKDVSRLRSVLMSLK QTPLSRTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

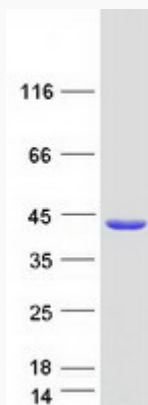
GENE INFORMATION

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_007097
Protein Refseq	NP_009028
MIM	118970
UniProt ID	P09497

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA