

Recombinant Human Clathrin, Light Chain B, His-tagged

Cat. No. CLTB-3044H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLTB was produced in <i>E.coli</i> with a His tag at N-terminus. MW = 25190 Da (1-211 aa).
Species	Human
Source	E.coli
Protein Length	1-211 a.a.
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	10 mM Tris. pH 8.0. 0.002% NaN ₃ . 3mM NaCl. 2.5mM Imidazole.
Purity	95%.
Applications	MS. SDS.

GENE INFORMATION

Gene Name	CLTB clathrin, light chain B [Homo sapiens]
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Synonyms	CLTB; clathrin, light chain B; LCB; clathrin light chain B; clathrin, light chain (Lcb); clathrin, light polypeptide (Lcb)
Gene ID	1212
mRNA Refseq	NM_001834
Protein Refseq	NP_001825
MIM	118970
UniProt ID	P09497
Chromosome Location	4q2-q3; 5q35
Pathway	Bacterial invasion of epithelial cells; Endocytosis; Huntington's disease; Lysosome
Function	peptide binding; protein binding; structural molecule activity

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