

## Product datasheet for **AR50486PU-N**

### Clathrin light chain B (1-211, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Clathrin light chain B (1-211, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMADDFGF FSSSEGAPE AAEDPAAAF LAQQESEIAG IENDEFGAP AGSHAAPAQP GPTSGAGSED MGTTVNGDVF QEANGPADGY AAIAQADRLT QEPESIRKWR EEQRKRLQEL DAASKVTEQE WREKAKKDLE EWNQRQSEV EKNKINNRAS EEFVKESKE ETPGTEWEKV AQLCDFNPKS SKQCKDVSRL RSVLMSLKQT PLSR
Tag:	His-tag
Predicted MW:	25.6 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer, pH 8.0, 10% glycerol, 0.2 mM PMSF, 100 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CLTB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001825</a>
Locus ID:	1212
UniProt ID:	<a href="#">P09497</a> , <a href="#">A0A024R7S3</a>
Cytogenetics:	5q35.2
Synonyms:	LCB



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**Summary:**

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. [provided by RefSeq, Jul 2008]

**Protein Pathways:**

Endocytosis, Huntington's disease, Lysosome

**Product images:**