

## Product datasheet for **AR50486PU-S**

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

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Clathrin light chain B (1-211, His-tag) human recombinant protein, 0.1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMADDFGF FSSSEGAPE AAEDPAAAF LAQQESEIAG IENDEFGAP AGSHAAPAQP GPTSGAGSED MGTTVNGDVF QEANGPADGY AAIAQADRLT QEPESIRKWR EEQRKRLQEL DAASKVTEQE WREKAKKDLE EWNQRQSEV EKNKINNRAS EFAFVKESKE ETPGTEWEKV AQLCDFNPKS SKQCKDVSRL RSVLMSLKQT PLSR
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	25.6 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>85% by SDS - PAGE
<b>Buffer:</b>	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
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human CLTB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001825</a>
<b>Locus ID:</b>	1212
<b>UniProt ID:</b>	<a href="#">P09497</a>
<b>Cytogenetics:</b>	5q35.2
<b>Synonyms:</b>	Lcb, CLTB



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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:**