

Product datasheet for **AR50384PU-N**

Clathrin light chain A (1-218, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Clathrin light chain A (1-218, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAELDP FGAPAGAPGG PALGNGVAGA GEEDPAAAF AQQESEIAGI ENDEAFALD GGAPGPQPHG EPPGGPDAVD GVMNGEYYQE SNGPTDSYAA ISQVDRLQSE PESIRKWREE QMERLEALDA NSRKQAEWK EKAIKELEEW YARQDEQLQK TKANNRAAEE AFVNDIDESS PGTEWERVAR LCDFNPKSSK QAKDVSRMRS VLISLKQAPL VH
Tag:	His-tag
Predicted MW:	26.2 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CLTA 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:	NP_001070145
Locus ID:	1211
UniProt ID:	P09496
Cytogenetics:	9p13.3
Synonyms:	LCA



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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. Related pseudogenes have been identified on chromosomes 8 and 12. [provided by RefSeq, May 2010]

Protein Pathways:

Endocytosis, Huntington's disease, Lysosome

Product images: