

**CLTA, 1-218aa, Human, His tag, E.coli**

**Cat.NO.: TP01651**

3th Edition

**Synonyms:**Clathrin, light chain A, LCA.

**Description:**Clathrin, light chain A, also known as CLTA, belongs to the clathrin family. Clathrin is a large, soluble protein composed of heavy and light chains. It is a major cytosolic coat protein in pits and vesicles originating from the plasma membrane and the trans-Golgi network.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol

**Molecular Weight:**26.2 kDa (242aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSHMAELDPFGAPAGAPGGPALGNVAGAGEEDPAAAFLAQQESEIAGIENDE  
AFAILDGGAPGPQPHGEPPGGPDAVDGVMNGEYYQESNGPTDSYAAISQVDRLQSEPESIRKWREEQMERLEAL  
DANSRKQEA EWKEKAIKELEEWYARQDEQLQKTKANNRAAEEAFVNDIDESSPGTEWERVERLCDFNPKSSKQA  
KDVSRMRSVLISLQAPLVH

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.