9051 Mira Mesa Blvd, #910094
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CLTA Human

Clathrin, Light Chain A Human Recombinant
RCP0464

Product Overview

Name	CLTA Human
Description	
Clathrin, Light Chain A Human Recombinant	
Accession (Primary)	P09496
Synonyms	
Clathrin light chain A, Lca, CLTA.	
Introduction	
Clathrin, light chain A (CLTA) is a member of the clathrin family. Clathrin, which is a large, soluble protein, is comprised of heavy and light chains. CLTA is one of 2 clathrin light chain proteins which are supposed to function as regulatory elements. CLTA is a key cytosolic coat protein in pits and vesicles originating from the plasma membrane and the trans-Golgi network. In receptor-mediated endocytosis, receptor proteins are encapsulated by Clathrin-coated vesicles.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CLTA protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MAELDP FGAPAGAPGG PALGNGVAGA GEEDPAAAFL AQQESEIAGI ENDEAFAILD GGAPGPQPHG EPPGGPDAVD GVMNGEYYQE SNGPTDSYAA ISQVDRLQSE PESIRKWREE QMERLEALDA NSRKQEAEWK EKAIKELEEW YARQDEQLQK TKANNRAAEE AFVNDIDESS PGTEWERVAR LCDFNPKSSK QAKDVSRMRS VLISLKQAPL VH.	

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Precautions

CLTA Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P09496)