Recombinant Human CLTA, GST-tagged

Cat. No. CLTA-11353H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLTA protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-218a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	CLTA clathrin, light chain A [Homo sapiens]

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Official Symbol	CLTA
Synonyms	CLTA; clathrin, light chain A; clathrin, light polypeptide (Lca); clathrin light chain A; Lca; LCA;
Gene ID	1211
mRNA Refseq	NM_001076677
Protein Refseq	NP_001070145
MIM	118960
UniProt ID	P09496
Chromosome Location	9p13.3
Pathway	Arf1 pathway, organism-specific biosystem; Axon guidance, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; C-MYB transcription factor network, organism-specific biosystem; Clathrin derived vesicle budding, organism-specific biosystem; Developmental Biology, organism-specific biosystem;
Function	molecular_function; peptide binding; structural molecule activity;

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