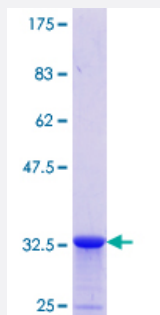


CLTA (Human) Recombinant Protein (Q01)

Catalog # H00001211-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CLTA partial ORF (NP_001824.1, 118 a.a. - 176 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MERLEALDANSRKQEA EWKEKA I KELEEWYARQDEQLQKTKANNRAAEEAFVNDIDESS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	32.23
Interspecies Antigen Sequence	Mouse (66); Rat (64)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CLTA

Entrez GeneID [1211](#)

GeneBank Accession# [NM_001833](#)

Protein Accession# [NP_001824.1](#)

Gene Name CLTA

Gene Alias LCA

Gene Description clathrin, light chain (Lca)

Omim ID [118960](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations OTTHUMP00000021365|OTTHUMP00000021366|clathrin, light polypeptide (Lca)|clathrin, light polypeptide A

Pathway

- [Endocytosis](#)
- [Lysosome](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)