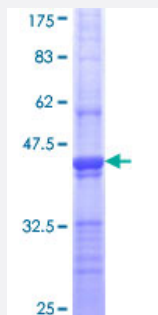


CLTC (Human) Recombinant Protein (Q01)

Catalog # H00001213-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CLTC partial ORF (NP_004850, 232 a.a. - 340 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EVGTPPTGNQPFPPKAVDVFFPPEAQNDPVPAMQISEKHDVVFLITKYGYIHLVDLETGTCIMNRI SGETIFVTAPHEATAGIIGVNRKGQVLSVCVEEENIIPYTN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
Interspecies Antigen Sequence	Mouse (100)
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 — CLTC

Entrez GeneID [1213](#)

GeneBank Accession# [NM_004859](#)

Protein Accession# [NP_004850](#)

Gene Name CLTC

Gene Alias CHC, CHC17, CLH-17, CLTCL2, Hc, KIAA0034

Gene Description clathrin, heavy chain (Hc)

Omim ID [118955](#)

Gene Ontology [Hyperlink](#)

Gene Summary Clathrin is a major protein component of the cytoplasmic face of intracellular organelles, called coated vesicles and coated pits. These specialized organelles are involved in the intracellular trafficking of receptors and endocytosis of a variety of macromolecules. The basic subunit of the clathrin coat is composed of three heavy chains and three light chains. [provided by RefSeq]

Other Designations clathrin heavy chain 1|clathrin, heavy polypeptide (Hc)|clathrin, heavy polypeptide-like 2

Pathway

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

Disease

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