

Recombinant Human CLTC Protein, His&GST-tagged

Cat. No. CLTC-802H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLTC Protein (Ala2-Pro242) with His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala2-Pro242
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 56.7 kDa; Accurate Molecular Mass: 57 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

CLTC clathrin, heavy chain (Hc) [Homo sapiens (human)]

Official Symbol

CLTC

Synonyms

CLTC; clathrin, heavy chain (Hc); clathrin, heavy chain, clathrin, heavy polypeptide (Hc), clathrin, heavy polypeptide like 2, CLTCL2; clathrin heavy chain 1; Hc; clathrin, heavy polypeptide (Hc); clathrin, heavy polypeptide-like 2; clathrin heavy chain on chromosome 17; CHC; CHC17; CLH-17; CLTCL2; KIAA0034;

Gene ID

1213

mRNA Refseq

NM_004859

Protein Refseq

NP_004850

MIM

118955

UniProt ID

Q00610

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