

Recombinant Human CLTCL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CLTCL1-2067H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CLTCL1 MS Standard C13 and N15-labeled recombinant protein (NP_009029) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is a member of the clathrin heavy chain family and encodes a major protein of the polyhedral coat of coated pits and vesicles. Chromosomal aberrations involving this gene are associated with meningioma, DiGeorge syndrome, and velo-cardio-facial syndrome. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	186.9 kDa
AA Sequence	MAQILPVRFQEHFQLQNLGINPANIGFSTLTMESDKFICIREKVGEQAQVTIIDMSDPM APIRRPISAESAIMNPASKVIALKAGKTLQIFNIEMKSKMKAHTMAEEVIFWKWVSVNT VALVTETAVYHWSMEGDSQPMKMFDRHTSLVGCQVIHYRTDEYQKWLLLVGISAQ QNRVVGAMQLYSVDRKVSQPIEGHAAFAEFKMEGNAKPATLFCFAVRNPTGGKL HIIIEVGQPAAGNQPFVKKAVDVFFPPEAQNDFPVAMQIGAKHGVIIYLLITKYGYLHLYD LESGVCICMNRISADTIFVTAPHKPTSGIIGVNKKGQVLSVCVEEDNIVNYATNVLQNP DLGLRLAVRSNLAGAELFVRKFNTLFAQGSYAEAAKVAASAPKGILRTRETQKFKQ SIPAQSGQASPLLQYFGILLDQGQLNKLESLELCHLVLQQGRKQLLEKWLKEDKLEC

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SEELGDLVKTTDPMLALSVYLRANVPSKVIQCFAETGQFQKIVLYAKKVGYPDWIFL
 LRGVMKISPEQGLQFSRMLVQDEEPLANISQIVDIFMENSIIQQCTSFLLDALKNNRP
 AEGLLQTWLLEMNLVHAPQVADAILGNKMFTHYDRAHIAQLCEKAGLLQQALEHYTD
 LYDIKRAVVHTHLLNPEWLNVFFGSLSVEDSVECLHAMLSANIRQNLQLCVQVASKY
 HEQLGTQALVELFESFKSYKGLFYFLGSIVNFSQDPDVHLKYIQAACKTGQIKEVERI
 CRESSCYNPERVKNFLKEAKLTDQLPLIIVCDRFGFVHDLVLYLYRNNLQRYIEIYVQK
 VNPSRTPAVIGGLLDVDCSEEVIKHLIMAVRGQFSTDELVAEVEKRNRLKLLLPWLES
 QIQEGCEEPATHNALAKIYIDSNNSPECFLRENAYYDSSVVGRYCEKRDPHLACVAY
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 FAERCNEPAVWSQLAQAQLQKDLVKEAINSYIRGDDPSSYLEVVQSASRSNNWEDL
 VKFLQMARKKGRESYIETELIFALAKTSRVSELEDFINGPNNAHIIQQVGDRCYEEGM
 YEAAKLLYSNVSNFARLASTLVHLGEYQAAVDNSRKASSTRTWKEVCFACMDGQEF
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 KFKPQKMLEHLELFWSRVNIPKVLRAAEQAHLWAEVLFLYDKYEEYDNAVLTMMSH
 PTEAWKEGQFKDIITKVANVELCYRALQFYLDYKPLLINDLLLVLSPRLDHTWTVSFF
 SKAGQLPLVKPYLRSVQSHNNKSVNEALNHLLTEEDYQGLRASIDAYDNFDNISLA
 QQLEKHQLMEFRCIAAYLYKGNNWWAQSVELCKKDHLKYKDAMQHAAESRDAELAQ
 KLLQWFLEEGKRECFAACLFTCYDLLRPDMVLELAWRHNLVDLAMPYFIQVMREYL
 SKVDKLDALSLRKQEEHVTEPAPLVFDFDGHETRTRPLEQKLISEEDLAANDILDYK
 DDDDKV

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Stability

Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage

Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CLTCL1 clathrin heavy chain like 1 [Homo sapiens (human)]

Official Symbol CLTCL1

Synonyms CLTCL1; clathrin heavy chain like 1; CLTD; CHC22; CLH22; CLTCL; clathrin heavy chain 2; CLH-22; Clathrin, heavy polypeptide D; clathrin heavy chain on chromosome 22; clathrin, heavy polypeptide-like 1

Gene ID 8218

mRNA Refseq NM_007098

Protein Refseq NP_009029

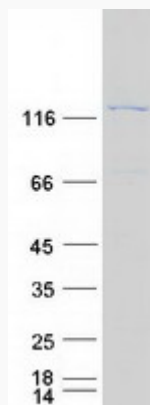
MIM 601273

UniProt ID P53675

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SDS-PAGE

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