

Recombinant Human C1QL3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. C1QL3-739H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C1QL3 MS Standard C13 and N15-labeled recombinant protein (NP_001010908) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	May regulate the number of excitatory synapses that are formed on hippocampus neurons. Has no effect on inhibitory synapses. Plays a role in glucose homeostasis. Via AMPK signaling pathway, stimulates glucose uptake in adipocytes, myotubes and hepatocytes and enhances insulin-stimulated glucose uptake. In a hepatoma cell line, reduces the expression of gluconeogenic enzymes G6PC and PCK1 and hence decreases de novo glucose production.
Molecular Mass	26.5 kDa
AA Sequence	MVLLLVILIPVLVSSAGTSAHYEMLGTCRMVCDPYGGTKAPSTAATPDRGLMQSLPT FIQGPKEAGRPGKAGPRGPPGEPGPPGPMGPPGEKGEPRQGLPGPPGAPGLN AAGAISAAATYSTVPKIAFYAGLKRQHEGYEVLKFDDVVTNLGNHYDPTTGKFTCSIPG IYFFTYHVLMRGGDGTSMWADLCKNNQVRASAI AQDADQNYDYASNSVVLHLEPG DEVYIKLDGGKAHGGNNNKYSTFSGFIIYADTRTRPLEQKLISEEDLAANDILDYKDD DDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

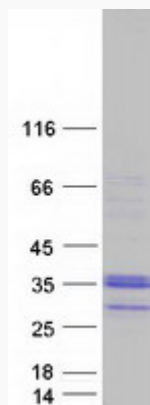
GENE INFORMATION

Gene Name	C1QL3 complement C1q like 3 [Homo sapiens (human)]
Official Symbol	C1QL3
Synonyms	C1QL3; complement component 1, q subcomponent-like 3; complement C1q-like protein 3; C1ql; C1QTNF13; CTRP13; K100;
Gene ID	389941
mRNA Refseq	NM_001010908
Protein Refseq	NP_001010908
MIM	615227
UniProt ID	Q5VWW1

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SDS-PAGE

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