

Recombinant Mouse C1ql3 Protein, Myc/DDK-tagged

Cat. No. C1ql3-1909M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length C1q-like 3 (C1ql3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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	26.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name C1ql3 C1q-like 3 [Mus musculus (house mouse)]

Official Symbol C1ql3

Synonyms C1QL3; C1q-like 3; complement C1q-like protein 3; gliacolin; C1q/TNF-related protein 13; C1ql; K100; AI661623; C1qtnf13; 1110065A22Rik

Gene ID 227580

mRNA Refseq NM_153155

Protein Refseq NP_694795

UniProt ID Q9ESN4

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