

Recombinant Human C1QL2, His-tagged

Cat. No. C1QL2-2104H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HumanC1QL2 produced in <i>E. coli</i> .The globular domain of human CTRP10 (aa 152-287) is fused at the N-terminus to a His-tag.
Species	Human
Source	E.coli
ProteinLength	152-287 a.a.
Description	The insulin-sensitizing hormone, adiponectin, belongs to the expanding C1q/TNF (tumour necrosis factor) family of proteins. We recently identified a family of adiponectin paralogues designated as CTRP (C1q/TNF-related protein) 1-7, and in the present study describe CTRP10. In the present study, we show that CTRP1, CTRP2, CTRP3, CTRP5 and CTRP7 transcripts are expressed predominantly by adipose tissue. In contrast, placenta and eye expressed the highest levels of CTRP6 and CTRP10 transcripts respectively. Expression levels of CTRP1, CTRP2, CTRP3, CTRP6 and CTRP7 transcripts are up-regulated in 8-week-old obese (ob/ob) mice relative to lean controls.
Purity	≥90% (SDS-PAGE).
Formulation	Liquid. 0.2µm-filtered solution in 55mM Tris-Cl, pH 8.2, containing 150mM sodium chloride.
Endotoxin Content	<1EU/

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	µg purified protein (LAL test).
Term Storage	-20°C.
Handling	After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.
Stability	Working aliquots are stable for up to 3 months when stored at -20°C.

GENE INFORMATION

Gene Name	C1QL2 complement component 1, q subcomponent-like 2 [Homo sapiens]
Synonyms	C1QL2; complement component 1, q subcomponent-like 2; CTRP10; C1QTNF10; complement C1q-like protein 2; gliacolin-like; C1q-domain containing protein; C1q and tumor necrosis factor related protein 10; Complement C1q-like protein 2
Gene ID	165257
mRNA Refseq	NM_182528
Protein Refseq	NP_872334
UniProt ID	Q7Z5L3.1
Chromosome Location	2q14.2

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