

Recombinant Mouse C1qtnf9, His-tagged

Cat. No. C1qtnf9-2109M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse C1qtnf9 produced in <i>E. coli</i> . The mouse CTRP9 (C1q tumor necrosis factor- α -related protein 9) (aa 195-333) is fused at the N-terminus to a His-tag.
Species	Mouse
Source	E.coli
Protein Length	195-333 a.a.
Description	Adiponectin is a major insulin-sensitizing, multimeric hormone derived from adipose tissue that acts on muscle and liver to regulate whole-body glucose and lipid metabolism. Here, we describe a novel and highly conserved paralog of adiponectin designated as C1q/TNF-related protein (CTRP) 9. Of all the CTRP paralogs, CTRP9 shows the highest degree of amino acid identity to adiponectin in its globular C1q domain. CTRP9 is expressed predominantly in adipose tissue and females express higher levels of the transcript than males.
Concentration	0.25mg/ml.
Purity	$\geq 90\%$ (SDS-PAGE).
Formulation	Liquid. 0.2 μ m-filtered solution in 55mM Tris-Cl, pH 8.2, containing 150mM NaCl.
Endotoxin Content	<1EU/ μ g protein (LAL test).

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LongTerm 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	C1qtnf9 C1q and tumor necrosis factor related protein 9 [Mus musculus]
Synonyms	C1qtnf9; C1q and tumor necrosis factor related protein 9; complement C1q tumor necrosis factor-related protein 9; CTRP9; C1qtnf9;9130217G22Rik
Gene ID	239126
mRNA Refseq	NM_183175
Protein Refseq	NP_898998
UniProt ID	Q4ZJN1.1
Chromosome Location	14 D1
Function	hormone activity

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