

**Specifications:**

Gene:	mC1qtnf5
Accession:	NP_663588
Insert size:	745bp
Concentration:	10µg at 0.2µg/µL

**mCTRP5/C1qTNF5  
cDNA Plasmid**

**C1qtnf5 C1q and tumor necrosis factor related protein 5 [ *Mus musculus* (house mouse) ]**

**Also known as:** Ctrp5

**Summary:**

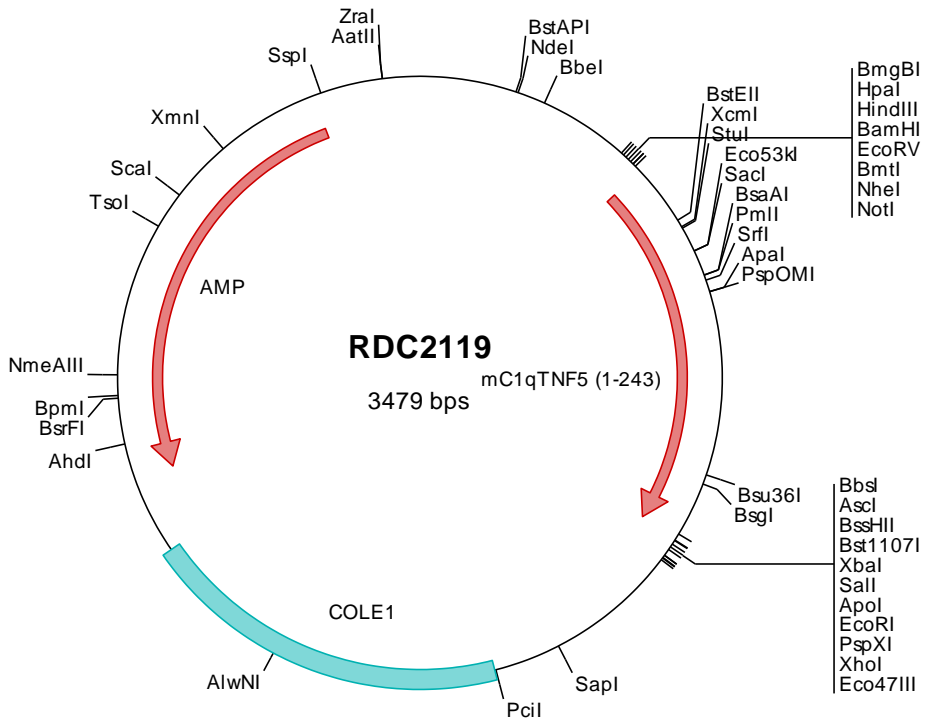
C1qTNF5 is a member of the C1q/tumor necrosis factor superfamily. It is a secretory protein that functions in eye development. Mutations in C1qTNF5 are thought to underlie the pathophysiology of late-onset retinal degeneration (L-ORD) and early-onset long anterior zonules (LAZ). Alternatively spliced transcripts encoding different proteins have been described.

**Description**

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

**Preparation and Storage**

**Formulation** cDNA is provided in 10 mM Tris-Cl, pH 8.5  
**Shipping** Ships at ambient temperature  
**Stability** 1 year from date of receipt when stored at -20°C to -80°C  
**Storage** Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



> RDC2119 Plasmid DNA Sequence

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> RDC2119 Translated Insert Sequence

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