

Product datasheet for **RC207458L4V**

CTRP4 (C1QTNF4) (NM_031909) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CTRP4 (C1QTNF4) (NM_031909) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CTRP4
Synonyms:	CTRP4; ZACRP4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_031909
ORF Size:	987 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207458).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_031909.1
RefSeq Size:	1436 bp
RefSeq ORF:	990 bp
Locus ID:	114900
UniProt ID:	Q9BXJ3
Cytogenetics:	11p11.2
Domains:	C1Q
Protein Families:	Secreted Protein



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MW: 35.3 kDa

Gene Summary: May be involved in the regulation of the inflammatory network. Its role as pro- or anti-inflammatory seems to be context dependent (PubMed:21658842, PubMed:27086950). Seems to have some role in regulating food intake and energy balance when administered in the brain. This effect is sustained over a two-day period, and it is accompanied by decreased expression of orexigenic neuropeptides in the hypothalamus 3 h post-injection (By similarity). [UniProtKB/Swiss-Prot Function]