

Product datasheet for RC207800L4V

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Cardiotrophin 1 (CTF1) (NM 001330) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Cardiotrophin 1 (CTF1) (NM 001330) Human Tagged ORF Clone Lentiviral Particle

Symbol: CTF1

Synonyms: CT-1; CT1

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_001330

ORF Size: 603 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC207800).

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Sequence:

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.

RefSeg: NM 001330.2

 RefSeq Size:
 1681 bp

 RefSeq ORF:
 606 bp

 Locus ID:
 1489

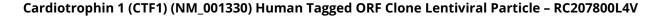
 UniProt ID:
 Q16619

 Cytogenetics:
 16p11.2

Protein Families: ES Cell Differentiation/IPS, Secreted Protein

Protein Pathways: Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway





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MW: 21.2 kDa

Gene Summary: The protein encoded by this gene is a secreted cytokine that induces cardiac myocyte

hypertrophy in vitro. It has been shown to bind and activate the ILST/gp130 receoptor. Two transcript variants encoding different isoforms have been found for this gene. [provided by

RefSeq, Dec 2008]