

Product datasheet for RC207800L4

Cardiotrophin 1 (CTF1) (NM_001330) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cardiotrophin 1 (CTF1) (NM_001330) Human Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	Cardiotrophin 1
Synonyms:	CT-1; CT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207800).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF.



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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

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 receptor. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]