

Product datasheet for **RC206552L4V**

CART (CARTPT) (NM_004291) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CART (CARTPT) (NM_004291) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CART
Synonyms:	CART
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004291
ORF Size:	348 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206552).
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_004291.2
RefSeq Size:	933 bp
RefSeq ORF:	351 bp
Locus ID:	9607
UniProt ID:	Q16568
Cytogenetics:	5q13.2
Protein Families:	Secreted Protein
MW:	12.8 kDa



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Gene Summary:

This gene encodes a preproprotein that is proteolytically processed to generate multiple biologically active peptides. These peptides play a role in appetite, energy balance, maintenance of body weight, reward and addiction, and the stress response. Expression of a similar gene transcript in rodents is upregulated following administration of cocaine and amphetamine. Mutations in this gene are associated with susceptibility to obesity in humans. [provided by RefSeq, Feb 2016]