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Product datasheet for MR222081L3V

Cartpt (NM_013732) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cartpt (NM_013732) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cartpt
Synonyms:	Ca; Cart
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_013732
ORF Size:	390 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR222081).`
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_013732.7, NP_038760.3
RefSeq Size:	875 bp
RefSeq ORF:	390 bp
Locus ID:	27220
UniProt ID:	P56388
Cytogenetics:	13 D1

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Gene Summary: This gene encodes preproprotein isoforms that are processed into multiple biologically active peptides. Expression of this gene is regulated by cocaine and other drugs, and is associated with feeding/appetite and stress response. Mice lacking the encoded protein are predisposed to obesity. Deficiency of the encoded protein in mice results in pancreatic islet dysfunction, impaired insulin secretion and glucose intolerance. Alternative splicing results in multiple transcript variants encoding different isoforms, which are subsequently processed into mature peptides. [provided by RefSeq, Jul 2015]