

Product datasheet for **RC212866L2V**

SH3TC2 (NM_024577) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SH3TC2 (NM_024577) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SH3TC2
Synonyms:	CMT4C; MNMN
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_024577
ORF Size:	3864 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212866).
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_024577.2
RefSeq Size:	4059 bp
RefSeq ORF:	3867 bp
Locus ID:	79628
UniProt ID:	Q8TF17
Cytogenetics:	5q32
MW:	144.6 kDa


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Gene Summary:

This gene encodes a protein with two N-terminal Src homology 3 (SH3) domains and 10 tetratricopeptide repeat (TPR) motifs, and is a member of a small gene family. The gene product has been proposed to be an adapter or docking molecule. Mutations in this gene result in autosomal recessive Charcot-Marie-Tooth disease type 4C, a childhood-onset neurodegenerative disease characterized by demyelination of motor and sensory neurons. [provided by RefSeq, Jul 2008]