

Product datasheet for **MR201248L4V**

Tnnc2 (NM_009394) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tnnc2 (NM_009394) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tnnc2
Synonyms:	Tnncs
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009394
ORF Size:	483 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201248).
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_009394.2 , NP_033420.1
RefSeq Size:	705 bp
RefSeq ORF:	483 bp
Locus ID:	21925
UniProt ID:	P20801
Cytogenetics:	2 H3



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Gene Summary:

Troponin is the central regulatory protein of striated muscle contraction. Tn consists of three components: Tn-I which is the inhibitor of actomyosin ATPase, Tn-T which contains the binding site for tropomyosin and Tn-C. The binding of calcium to Tn-C abolishes the inhibitory action of Tn on actin filaments.[UniProtKB/Swiss-Prot Function]