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Product datasheet for MR204354L3V

Tpm2 (BC014809) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tpm2 (BC014809) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tpm2
Synonyms:	Tpm-2; Trop-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	BC014809
ORF Size:	924 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR204354).`
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:	BC014809, AAH14809
RefSeq Size:	1561 bp
RefSeq ORF:	926 bp
Locus ID:	22004
Cytogenetics:	4 A5

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Gene Summary: This gene belongs to the tropomyosin family which encodes proteins that bind to actin filaments and stabilize them by regulating access to actin modifying proteins. The encoded protein is a high molecular weight tropomyosin expressed in slow skeletal muscle. In humans, mutations in this gene are associated with nemaline myopathy, cap disease and distal arthrogryposis syndromes. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2013]