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Product datasheet for RC209053L4V

Tropomodulin 2 (TMOD2) (NM_014548) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tropomodulin 2 (TMOD2) (NM_014548) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Tropomodulin 2
Synonyms:	N-TMOD; NTMOD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014548
ORF Size:	1053 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209053).
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_014548.2
RefSeq Size:	9186 bp
RefSeq ORF:	1056 bp
Locus ID:	29767
UniProt ID:	Q9NZR1
Cytogenetics:	15q21.2
Domains:	Tropomodulin
MW:	39.6 kDa

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Gene Summary:

This gene encodes a neuronal-specific member of the tropomodulin family of actin-regulatory proteins. The encoded protein caps the pointed end of actin filaments preventing both elongation and depolymerization. The capping activity of this protein is dependent on its association with tropomyosin. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Dec 2008]