Product datasheet for RC201134L4V

Tropomodulin 1 (TMOD1) (NM_003275) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tropomodulin 1 (TMOD1) (NM_003275) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Tropomodulin 1
Synonyms:	D9S57E; ETMOD; TMOD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003275
ORF Size:	1077 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201134).
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_003275.1
RefSeq Size:	3352 bp
RefSeq ORF:	1080 bp
Locus ID:	7111
UniProt ID:	P28289
Cytogenetics:	9q22.33
Domains:	Tropomodulin
MW:	40.6 kDa

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Gene Summary: This gene encodes a member of the tropomodulin family. The encoded protein is an actin-capping protein that regulates tropomyosin by binding to its N-terminus, inhibiting depolymerization and elongation of the pointed end of actin filaments and thereby influencing the structure of the erythrocyte membrane skeleton. Multiple transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Oct 2009]