Product datasheet for RC205904L2V

TRF1 (TERF1) (NM_003218) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TRF1 (TERF1) (NM_003218) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TRF1
Synonyms:	hTRF1-AS; PIN2; t-TRF1; TRBF1; TRF; TRF1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003218
ORF Size:	1257 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205904).
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_003218.2
RefSeq Size:	2900 bp
RefSeq ORF:	1260 bp
Locus ID:	7013
UniProt ID:	P54274
Cytogenetics:	8q21.11
Domains:	myb_DNA-binding
Protein Families:	Transcription Factors

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MW: 48.2 kDa

Gene Summary: This gene encodes a telomere specific protein which is a component of the telomere nucleoprotein complex. This protein is present at telomeres throughout the cell cycle and functions as an inhibitor of telomerase, acting in cis to limit the elongation of individual chromosome ends. The protein structure contains a C-terminal Myb motif, a dimerization domain near its N-terminus and an acidic N-terminus. Two transcripts of this gene are alternatively spliced products. [provided by RefSeq, Jul 2008]