

Product datasheet for **RC223601L4V**

TRF2 (TERF2) (NM_005652) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TRF2 (TERF2) (NM_005652) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TERF2
Synonyms:	TRBF2; TRF2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005652
ORF Size:	1500 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223601).
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_005652.2
RefSeq Size:	2909 bp
RefSeq ORF:	1629 bp
Locus ID:	7014
UniProt ID:	Q15554
Cytogenetics:	16q22.1
Domains:	myb_DNA-binding
Protein Families:	Transcription Factors



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MW: 55.4 kDa

Gene Summary: This gene encodes a telomere specific protein, TERF2, which is a component of the telomere nucleoprotein complex. This protein is present at telomeres in metaphase of the cell cycle, is a second negative regulator of telomere length and plays a key role in the protective activity of telomeres. While having similar telomere binding activity and domain organization, TERF2 differs from TERF1 in that its N terminus is basic rather than acidic. [provided by RefSeq, Jul 2008]