Product datasheet for RC204643L2V

TFB1M (NM_016020) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TFB1M (NM_016020) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TFB1M
Synonyms:	CGI-75; CGI75; mtTFB; mtTFB1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_016020
ORF Size:	1038 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204643).
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_016020.1
RefSeq Size:	2818 bp
RefSeq ORF:	1041 bp
Locus ID:	51106
UniProt ID:	Q8WVM0
Cytogenetics:	6q25.3
Domains:	rADc
Protein Families:	Transcription Factors

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MW: 39.5 kDa

Gene Summary: The protein encoded by this gene is a dimethyltransferase that methylates the conserved stem loop of mitochondrial 12S rRNA. The encoded protein also is part of the basal mitochondrial transcription complex and is necessary for mitochondrial gene expression. The methylation and transcriptional activities of this protein are independent of one another. Variations in this gene may influence the severity of aminoglycoside-induced deafness (AID). [provided by RefSeq, Aug 2010]