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Product datasheet for RC222452L3V

TBLR1 (TBL1XR1) (NM_024665) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TBLR1 (TBL1XR1) (NM_024665) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TBLR1
Synonyms:	C21; DC42; IRA1; MRD41; TBLR1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_024665
ORF Size:	1542 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222452).
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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_024665.3
RefSeq Size:	6550 bp
RefSeq ORF:	1545 bp

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Locus ID:	79718
UniProt ID:	Q9BZK7
Cytogenetics:	3q26.32
Domains:	WD40, LisH
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Wnt signaling pathway
MW:	55.6 kDa
Gene Summary:	This gene is a member of the WD40 repeat-containing gene family and shares sequence similarity with transducin (beta)-like 1X-linked (TBL1X). The protein encoded by this gene is thought to be a component of both nuclear receptor corepressor (N-CoR) and histone deacetylase 3 (HDAC 3) complexes, and is required for transcriptional activation by a variety of transcription factors. Mutations in these gene have been associated with some autism spectrum disorders, and one finding suggests that haploinsufficiency of this gene may be a cause of intellectual disability with dysmorphism. Mutations in this gene as well as recurrent translocations involving this gene have also been observed in some tumors. [provided by RefSeq, Mar 2016]