

Product datasheet for **RC226675L4V**

LRTOMT (NM_001145310) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	LRTOMT
Synonyms:	CFAP111; DFNB63; LRRC51
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145310
ORF Size:	753 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC226675).

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_001145310.3
RefSeq Size:	3710 bp
RefSeq ORF:	756 bp
Locus ID:	220074
UniProt ID:	Q8WZ04
Cytogenetics:	11q13.4



MW: 28 kDa

Gene Summary: This locus represents naturally occurring readthrough transcription between the neighboring LRRC51 (leucine-rich repeat containing 51) and TOMT (transmembrane O-methyltransferase) genes on chromosome 11. The readthrough transcript encodes a fusion protein that shares sequence identity with each individual gene product. Multiple reports implicate mutations in this gene in nonsyndromic deafness.[provided by RefSeq, Feb 2021]