

Product datasheet for **SC216756**

LRTOMT (NM_001145309) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LRTOMT (NM_001145309) Human 3' UTR Clone
Symbol:	LRTOMT
Synonyms:	CFAP111; DFNB63; LRRC51
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001145309
Insert Size:	1887 bp



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Insert Sequence:	>SC216756 3'UTR clone of NM_001145309 The sequence shown below is from the reference sequence of NM_001145309. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCTCAGCTCACCTATGCTGGACCAGGCAGGTCCAGGCCAGGGTACTTACTGATGCCACCCCCAC CCCCACCAAGCAGGGACCTCAAATCCCTCCCTTTCTGTTTGGGGCCTTGACACACGCTGGGCTCA GGGCTAGGGAGTCTCTTCCCACCTCTGACCTTTTCAGCCTCTACACTGACCTCAAGTGTCAAGTTC TATCAGGCTGCTTGGTCTCACTAGGCCCTCTTTCCAGAGAGAACCATGGACTGACAGCAAGAAGCCT GAGCTCCCGACCCAGCTCTGTCACTGATTGCTGAGTGACTCCAAGGGAATCCCCACCTTGCTCTGAGA TTTAATCTTCTCTTAACACGAAGGAAGCTGGATGGGAGAGCTCCAGGGCCTCCAGTTCTCGGCCCT CAGAAAGCCTCCCATCCTCAGCCCATGCCATTCTGGGTGGGATCAGAGGAAGTGGCAATGAGTTAGACG CCCTGCAGGAATAGCTGGATGCAAGCTGGGCCAGAGAAAATGGCAGAACCCCTGGACCCAGGGCCAGG GATGCCCTGGCCTTCCCTAACTCTGGCCACCTAGCCAATTAGGTGTGGCTGATGTCCTTGAGTGCCC TCTTCTAAAGCCCAAGGAAGATGCTGGACTCCTCTGGGCCCAACAAATAGGGAATAGACATGG GTGGAATCACTCCTTTGTCTTTATTAAGAACTTAGACCAGACCTGGCAATCAAGGGGTGAGGTAC TGCCAGGAAGGTGGAGTAGGTTTCAGGCCCTGGGGATTCAAGTGACAGCTGATGGCCTGGGAGGGGC CAAAGAGACCAGATCCTGGCAGCAGCTGAGGAGGTGCCAAGGGCACTTTAGGCACTGGGGCCATCAG CTGGTTCTGTGGGCAGGGGTTGGGGTTGGGATGCAGGGTAGTTTGGGCTGGCCTGGAATCTCCCTGAG GCCACCTGCCTTGTCTACCTAGATCATCACTGGTCTGATCCTGTTGCTTGCCTTCCATGTCCACCT GGAGAGGAGGCTGGGTGTGGGTGGGAGGGGCTCAGCCAGCCTCAGCCCAGATCCTGCCCTGGCTG GATCCAGGGTTTCTGTACCCCTTGCCCATCAACTGGGTGAGGAGCAAGGTCCAGGAACAGAGGCCCTC CCCCATACCCCTTGCTACCTCATTGACCTCTCCATCATCCGGTGAATCATTGTAGTCATTATCTCGT CCATGTCTGCATATCCTCATCCTCTGAGTCTCTCACTATCCTCATCATCTTCATCATCCTCTT CTTCTCGTCATCATAGTCTGGTGGGCAGGACAGAGCCTGTAAGCCCTACAGGCCTGCATGGACAGT TCAAGAACTGACCACTTGAGCCTCTCTAGGGCCAATGAATGACCCCTACCCGACACTCCCTCCT TGAGTCTAGCAGGCTGGTGCATGTTCTGCAGGACCTTAATGCTAGGCCAATGCCACCCCTTCTATCT CCCCTTTTAGGCTTTTACCCAGATCTGAGAACCACAAGTCTCTGGGTGAGAGACAGGACATTGAGAT TAGAGCAGAGCCTCGGTCACTGCGGCCCCACACAGGCCCCACCTGCTAGAGCCACTCACCTCTGAGG CTGGCTTGCCAATAGGAACAGGTTGTTGTCTTTCTCCGCGATGCTTTGGAGCTGTGGGCAAGGCACA GAGGAACAAGGCCAGAGCCCAAGTAGGGCAGGTGAGGGCATGGGACTGGCCATTCTGCCCAGAAGAC AACCCACACGTGTTGGGGAGAAGCTTCTCCAGTTCTCAGGGAGATACAATCCCTTTCTTGTCATCTG CCATTTATGAACCTTGATCCAAATA ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001145309.4</u>

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]
Locus ID:	220074
MW:	67.9