

Product datasheet for **SC334696**

LETMD1 (NM_001300765) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LETMD1 (NM_001300765) Human Untagged Clone
Tag:	Tag Free
Symbol:	LETMD1
Synonyms:	1110019O13Rik; HCCR; HCCR-1; HCCR-2; HCCR1; HCCR2; HCRR-2; SLC55A3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001300765, the custom clone sequence may differ by one or more nucleotides

ATGGCGCTCTCCAGGGTGTGCTGGGCTCGGTGGCTGTGTGGGGCTCGGCAGTCACCCCTGGACATTTTG
 TCACCCGGAGGCTGCAACTTGGTCGCTCTGGCCTGGCTTGGGGGGCCCTCGGTCTTCAAAGCTTCACCT
 TTCTCCAAAGGCAGATGTGAAGAACTTGATGTCTTATGTGGTAACCAAGACAAAAGCGATTAATGGGAAA
 TACCATCGTTTCTTGGGTCGTCAATTCCTCCCGCTTCTATGTCCTGTACACAATCTTCATGAAAGGATTGC
 AGATGTTATGGGCTGATGCCAAAAGGCTAGAAGAATAAAGACAAATATGTGGAAGCACAAATATAAAGTT
 TCATCAACTTCCATACCGGGAGATGGAGCATTTGAGACAGAAAGCCTTGAGCCGGGCCATGCTTCTCACA
 TCTTACCTGCCTCCTCCTTGTGAGACATCGTTTGAAGACTCATACAACTGTGATTCACCAACTGGACA
 AGGCTTTGGCAAAGCTGGGGATTGGCCAGCTGACTGCTCAGGAAGTAAATCGGCTTGTTATCTCCGTGG
 CCTGAATTCTACGCATATTGGTGAAGATAGGTGTCGAAGCTTGGCTGGGAGAATGGCTGCAGATTTCTGC
 AGCCTGAAAGAAGCTGAGCTGTCTCTTGTGCTGCACAACGTGGTCTGCTCTCCACCAACTACCTTGGGA
 CAAGGCGCTGA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001300765
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).


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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001300765.1, NP_001287694.1</u>
RefSeq Size:	1779 bp
RefSeq ORF:	711 bp
Locus ID:	25875
Cytogenetics:	12q13.12
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>This gene encodes a mitochondrial outer membrane protein. It has a potential role in tumorigenesis, which may result from negative regulation of the p53 tumor suppressor gene. Alternatively spliced transcript variants have been noted for this gene. [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (7) lacks three alternate in-frame exons in the central coding region, compared to variant 1. The encoded isoform (c, also known as 7) is shorter than isoform 1.</p>