

Product datasheet for SC317572

LETMD1 (NM_015416) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LETMD1 (NM_015416) 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:	>SC317572 representing NM_015416. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGCTCTCCAGGGTGTGCTGGGCTCGGTGGCTGTGTGGGGCTCGGCAGTCACCCCTGGACATTTT
GTCACCCGGAGGCTGCAACTTGGTCGCTCTGGCTGGCTTGGGGGCCCTCGGTCTTCAAAGCTTCAC
CTTTCTCCAAAGGCAGATGTGAAGAACTTGATGTCTTATGTGGTAACCAAGACAAAAGCGATTAATGGG
AAATACCATCGTTTCTTGGGTCGTCATTTCCCGCTTCTATGTCCTGTACACAATCTTCATGAAAGGA
TTGCAGATGTTATGGGCTGATGCCAAAAGGCTAGAAGAATAAAGACAAATATGTGAAGCACAATATA
AAGTTTCATCAACTTCCATACCGGAGATGGAGCATTTGAGACAGTTCCGCCAAGACGTACCAAGTGT
CTTTCTAGGTATTATTCCATTCCACCTTTTGCCAACCTACCTGGTCTTCTTGCTAATGTACCTGTTT
CCCAGGCAACTACTGATCAGGCATTTCTGGACCCCAAAACAACAACTGATTTCTTAGATATCTATCAT
GCTTTCCGGAAGCAGTCCACCCAGAAATTATTAGTTATTTAGAAAAGGTATCCCTCTCATTTCTGAT
GCAGGACTCCGGTGGCGTCTGACAGATCTGTGCACCAAGATACAGCGTGGTACCCACCCAGCAATACAT
GATATCTTGGCTCTGAGAGAGTGTCTCTAACCATCCTCTGGGCATGAACCACTCCAGGCTTTGCAC
GTGAAAGCCTTGAGCCGGCCATGCTTCTCACATCTTACCTGCCTCCTCCCTTGTGAGACATCGTTTG
AAGACTCATAACTGTGATTCACCAACTGGACAAGGCTTTGGCAAAGCTGGGGATTGGCCAGCTGACT
GCTCAGGAAGTAAATCGGCTTGTATCTCCGTGGCCTGAATTCTACGCATATTGGTGAAGATAGGTGT
CGAATTGGCTGGGAGAATGGCTGCAGATTTCTGCAGCCTGAAAGAAGCTGAGCTGTCTCTTGTCTG
CACAACTGGTCTGCTCTCCACCAACTACCTTGGGACAAGGCGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_015416



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Insert Size:	1083 bp
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	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_015416.4</u>
RefSeq Size:	2151 bp
RefSeq ORF:	1083 bp
Locus ID:	25875
UniProt ID:	<u>Q6P1Q0</u>
Cytogenetics:	12q13.12
Protein Families:	Druggable Genome, Transmembrane
MW:	41.8 kDa
Gene Summary:	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] Transcript Variant: This variant (1) represents the predominant protein-coding transcript, and encodes isoform a (also known as HCCR-1 or 1).