

Product datasheet for SC317396

TLCD3B (NM_031478) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TLCD3B (NM_031478) Human Untagged Clone
Tag:	Tag Free
Symbol:	TLCD3B
Synonyms:	FAM57B; FP1188
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317396 representing NM_031478. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGCTGACCCCGATGGTGGCCGGGGGGTGGTGTTCGCCGACTCTTCCTCTCCAAGAACACGCTC
 CAGCGGCTGCCCCAGCTACGCTGGGAGGAGGCCGACGAGTCATTGTCTCAGCCAGGCTGGTGTCTCT
 GTCCAGGCCATCATGGCCTCCACTGCCGGCTACATCGTCTCCACCTCTGCAAGCACATCATTGATGAC
 CAACACTGGCTGCTCTGCCTACACGAATTTGCTGTGCCCTACTTCATCTACGACATCTACGCCATG
 TTCCTCTGTCACTGGCACAAGCACCAGGTCAAAGGGCATGGAGGGGACGACGGAGCGGCCAGAGCCCCG
 GGCAGCACGTGGGCCATAGCGCGTGGCTACCTGCACAAGGAGTTCCTCATGGTGTCCACCATGCCGCC
 ATGGTGTGTTGTGCTTCCCACTCTCAGTGGTGTGGCGACAGGGTAAGGGAGACTTCTTTCTGGGTTGC
 ATGTTGATGGCAGAGGTACGACGCCCTTCGTCTGCCTTGGCAAGATCCTCATCCAGTACAAGCAGCAG
 CACACACTGCTGCACAAGGTGAACGGGGCCCTGATGCTGCTCAGCTTCTCTGCTGCCGGGTGCTGCTC
 TTTCCCTACCTGTACTGGGCCTACGGGCGCCATGCCGGCTGCCCTGCTGGCCGTGCCCTGGCCATC
 CCTGCCACGTCAACCTGGGCGCTGCGTGCTCCTGGCCCTCAGCTCTACTGTTCTTCTCATCTGC
 CGTGGGGCTGCCGCTCTTCTGGCCCCGCTCCCGCCGCCCGGCTGCCAGGCCAGGACTGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_031478
Insert Size:	825 bp


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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_031478.5</u>
RefSeq Size:	1939 bp
RefSeq ORF:	825 bp
Locus ID:	83723
UniProt ID:	<u>Q71RH2</u>
Cytogenetics:	16p11.2
Protein Families:	Transmembrane
MW:	30.6 kDa
Gene Summary:	This gene encodes a transmembrane protein, which may be a likely target of peroxisome proliferator-activated receptor gamma (PPAR-gamma). The product of the orthologous gene in mouse is related to obesity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform.