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Product datasheet for SC123005

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:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene sequence for NM_031478 edited
CGGCCTCCCTGCCCCTTCACGGCCCGCCTGCCTCCCTGCCCAAGTCCTGAGCCACCATGC
TGACCCCGATGGTGGCCGGGGGGGTGGTGTTCCCCGGACTCTTCCTCCTCTCCAAGAACA
CGCTCCAGCGGCTGCCCCAGCTACGCTGGGAGGAGGCCGACGCAGTCATTGTCTCAGCCA
GGCTGGTGTCCTCTGTCCAGGCCATCATGGCCTCCACTGCCGGCTACATCGTCTCCACCT
CCTGCAAGCACATCATTGATGACCAACACTGGCTGTCCTCTGCCTACACGCAATTTGCTG
TGCCCTACTTCATCTACGACATCTACGCCATGTTCCTCTGTCACTGGCACAAGCACCAGG
TCAAAGGGCATGGAGGGGACGACGGAGCGGCCAGAGCCCCGGGCAGCACGTGGGCCATAG
CGCGTGGCTACCTGCACAAGGAGTTCCTCATGGTGCTCCACCATGCCGCCATGGTGCTGG
TGTGCTTCCCACTCTCAGTGGTGTGGCGACAGGGTAAGGGAGACTTCTTTCTGGGTTGCA
TGTTGATGGCAGAGGTCAGCACGCCCTTCGTCTGCCTTGGCAAGATCCTCATCCAGTACA
AGCAGCAGCACACACTGCTGCACAAGGTGAACGGGGCCCTGATGCTGCTCAGCTTCCTCT
GCTGCCGGGTGCTGCTCTTTCCCTACCTGTACTGGGCCTACGGGCGCCATGCCGGCCTGC
CCCTGCTGGCCGTGCCCCTGGCCATCCCTGCCCACGTCAACCTGGGCGCTGCGCTGCTCC
TGGCCCCTCAGCTCTACTGGTTCTTCCTCATCTGCCGTGGGGCCTGCCGCCTCTTCTGGC
CCCGCTCCCGGCCGCCCCCGGCCTGCCAGGCCCAGGACTGAGGCCGGGGGCCGGGACCCT
CCCCCTCCCCACCCCCACCCCCGTGGAGACAGGGCTCTGGGGCTGATGGCTGGGGTTGGG
AGCCAGGGTCCTCTTGCCCGGACAACCCCAGGACTGACGATGACCCCGAAAGGGAAGAGG
CCCCATCTCTCGGGGACTGAGGGGGTGGAGAGAGGGGACCTCTTCCCCCTACTCTGCCCC
CTTCCTGCACACCCTTGCGCTGGAGGAGGGGAGGGGGCACCGCCTCCCACCCACTGAGGG
CAGGAGGGCTTGTGGGGAGGGACACCAACAGGGTTTCAAGGGGACCAGGAGTCAGAATGT
GGGGAGACGCCTCTGCCAAGGCCATCCCAGCCCCTATGCTGCCATCCCCCAGGGCTCCCC
ATCACCCGAGAGGAGAGGACGCCCCAACTAACCCCCGCTGGCCCTCGGGCCTCCCGAGTG
GCCGGCTGCAACCACGGCTCCTCTCCAGGGTAGGCCAGCTTGAGGAATCTTATTTATTTT
ATTTATTTACCCAAATTTGAACTAGTCTGTTGGGTTGGGGGAAGGAGGTGGCTGCTACCC
CCAAGCCTTCCCAGTGCTGACAACCCCGGGGGCAGGCGAGGGCGCCCAGTCCCTCACCAT
CGGCTGCACATCGCGCCCTCGGGCCCTGCCATGTCCCTGGTGCTACTGACCTCTCAAGGC
TTCCTCCAATCTGGGGTCGGGGGACCCTGGGAGGTGCTTTACAGACCGCTAATAAAAGAC
GATCTGCGTGAACGCCAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_031478 unedited
NNCCACTGGGGATTTGTAACCGACTCACTATAGGCGGCCGCGCCATTCGCACGAGGCGGC
CTCCCTGCCCCTTCACGGCCCGCCTGCCTCCCTGCCCAAGTCCTGAGCCACCATGCTGAC
CCCGATGGTGGCCGGGGGGGTGGTGTTCCCCGGACTCTTCCTCCTCTCCAAGAACACGCT
CCAGCGGCTGCCCCAGCTACGCTGGGAGGAGGCCGTCTCATTCATTGTCTCAGCCAGGCT
GGTGTCCTCTGTCCAGGCCATCATGGCCTCCACTGCCGGCTACATCGTCTCCACCTCCTG
CAAGCACATCATTGATGACCAACACTGGCTGTCCTCTGCCTACACGCAATTTGCTGTGCC
CTACTTCATCTACGACATCTACGCCATGTTCCTCTGTCACTGGCACAAGCACCAGGTCAA
AGGGCATGGAGGGGACGACGGAGCGGCCAGAGCCCCGGGCAGCACGTGGGCCATAGCGCG
TGGCTACCTGCACAAGGAGTTCCTCATGGTGCTCCACCATGCCGCCATGGTGCTGGTGTG
CTTCCCACTCTCAGTGGTGTGGCGACAGGGTAAGGGAGACTTCTTTCTGGGTTGCATGTT
GATGGCAGAGGTCAGCACGCCCTTCGTCTGCCTTGGCAAGATCCTCATCCAGTACAAGCA
GCAGCACACACTGCTGCACAATGTGAACGGNGCCCTGATGCTGCTCAGCTTCCTCTGCTG
CCCGGTGCTGCTCTTTCCTACCTGTACTGGGCCTACGGGCGCCATGCNCGCCTGCCCCTG
CTGGCCGTGCCCCTGGCCATCCCTGCCCACGTCACCCTGGGCGCTGCGCTGCTCCTGGGC
CCTAAGCTCTACTGGGTCTTCCTCATCTGCCGTGGGGGCCTGA

Restriction Sites: Please inquire

ACCN: NM_031478

Insert Size: 1670 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).
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:	NM_031478.3, NP_113666.1
RefSeq Size:	1661 bp
RefSeq ORF:	675 bp
Locus ID:	83723
UniProt ID:	Q71RH2
Cytogenetics:	16p11.2
Protein Families:	Transmembrane
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.