

Product datasheet for MC200546

Tlcl1 (NM_026708) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Tlcl1
Synonyms:	0610007A15Rik; 0610030G03Rik; AA690150; AU015616; RP23-185A18.3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC005702 sequence for NM_026708
 CGATCGTGGCGCTGGCCAGAGAAGGAACGGTGTCCAGAACTGTGCGGAGGACGGCTTAAGGGGCG
 GACAGACAGACGGCAGGAAGGGTCAGCATGCCCTACTGTTCCACCCGCTGGCCGCTGCTCCTGGGCG
 CCACGCTGACCTTCCGGGCACTCCGGCGCGTGCTGTGCGCTGCCCGAGCCTGCACACGTGCAAAACCGA
 CCCCCTGCGCACCTGGCGTTGGCACAACCTACTCGTCTCTTTCACCCACTCCATTGTATCAGGGATCTGG
 GCACTGCTGTGCTTATGGCAAACCCCTGAAATGCTGGTGGAGATTGAAACAGCGTGGTCAGCTTCTGGCT
 ATTTGCTTGTGTTCTCTGTCAGGATACTTTATCCACGACACAGTGGACATTGTGGTTAGCAAGCAAAC
 TCGAGCTTCTTGGGAATACCTTGTTCATCATGTCATGGCTATGGGCGCCTTCTTCTCTGGTATCTTTTGG
 AAAAGATTTGTTGGTGGTGGCGTCTTAACACTACTGGTAGAGGTCAGCAACATCTTCTCACCTTAAGGA
 TGATGATGAAGATAACAATGCTCAGGATCTCCTCTACAAGGTCAACAAGTATATCAACTTGGTCAT
 GTACTTCTCTCCGATTGGCCCTCAGGCCTACCTCACCAGTTCTTCTACAGTATGCTGGCCAGAGG
 ACCCTGGGCACATTCTTGTGGCCATCCTGCTCATGCTGGACTTGATGATAATCATCTACTTTTCTCGCC
 TCCTCCGCTCTGATTTCTGCCCTGAACGTGCACCCAGGCGCCAACAAAAGACAAATCTTGACTGAGTG
 AGAAAGTAGAACCCAGGACTTGTAAGGGATGGCAAGCACAGCCAATTGCTCTGTAACATAAAGTATGTA
 CTCTGCCCCAAGCTTGGGTGTATTCTGGGGCCAGCCTTTCCACCTTAAGCTTACACTCACACTATTGAAA
 ACACTAATGAAAGCTCTCTGAAGTCTGTTCTTGGGCAAGGGTTGAGGGAAGCAGACCAACCGGTTGGGC
 ATGGCTAAATGGGTGAGGACAAGACTGTCCAAAGCCTGCCAACCCATACTGCCCTGAAATGGATGCT
 GACAATTCTAAAATAACCCCTCTGCTCTTCCAAACCCCTGGTATTGGTTTACACCAGCCTGTAGCAGGGA
 AGGAATTCTTGTAAAGCTTGTCTTTGAGCCTGTGATGGAGCAGTGTCCAGGAGAACCAACACCTGTCT
 ATAATAATGACCCTGGTACTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	NM_026708
Insert Size:	744 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC005702, AAH05702</u>
RefSeq Size:	1319 bp
RefSeq ORF:	744 bp
Locus ID:	68385
UniProt ID:	<u>Q99JT6</u>
Cytogenetics:	11 B5
Gene Summary:	Regulates the composition and fluidity of the plasma membrane (By similarity). Inhibits the incorporation of membrane-fluidizing phospholipids containing omega-3 long-chain polyunsaturated fatty acids (LCPUFA) and thereby promotes membrane rigidity (By similarity). Does not appear to have any effect on LCPUFA synthesis (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (α).