

Product datasheet for **MC204764**

Tcl1 (NM_009337) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tcl1 (NM_009337) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tcl1
Synonyms: Tcl1a
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC052336
AAGAGGTAATCCGTTTTATCACGGACTGGCATTGCAATTTCTGCTTCTTCTGCTTATCGGATGCCATGG
CTACCCAGCGGGCACACAGGGCAGAGACACCTGCACACCCCAACCGCCTGTGGATCTGGGAGAAGCACGT
GTACTTGATGAGTTTCGTCGAAGCTGGCTGCCGTAGTCATCAAGAGTAATGAAAAATCCAGGTGATC
TTGCGCCAGGAAGATGTACCTTGGGGGAAGCTATGTCCCCAGTCAGCTGGTGCCTTACGAGCTGCCTT
TAATGTGGCAACTGTACCCCAAGGACAGGTACCGAAGCTGCGACTCCATGTATTGGCAGATCCTGTACCA
TATCAAGTTTAGAGACGTGGAGGACATGTTGCTTGAAGTATAGACTCGGAGTCCAACGATGAATAACCC
AGACCCGGTCTGCAGCTCCTGTCTGCCTTGCCAGGCCCTGGCCCCACAGGGGAGATGTTGGTACTTATG
TTCTGTCTGTTCCGCTAGTCATGCTCTTTTCTCTACACTGGGCTCCAAGAAGAAAAGTCTGGCCAGACG
CTGCCCTTCCCATGCTGCTGTTGCCTGCTCGGCTGCCTTGGTTGGTCCCTCAGCTCTGCTGACTCCCTG
GCAAGGGGCTCCAGAGAAGATCCAGTTCTCCTCACCTCCTCTAGGTGCTCAGTGGTGTCTGTGCCTCTG
ATGATCTTAGCTGATTGACTCTTCCGTCTTCCCTTTGGCCTCACAAGACAAGTGCCTCTGACTTAT
GAACTTGCCTTCTTCTCACGGGTCCCTCAGCAGTACATACACCATGAGGGACAAGACCTCGTCATTGGA
ATCTGGCCAGGCCCCAGATCAGCCATCACTCAAGGTGTTGTGCCTGTACCCACCTGACCTGTGAAGCCCC
ACCTACCCAGCAAACATAGGCTTTGATTGCAGAGCGGTGTAAGACCTGAGAGCTCTTTGCCCTTCTTA
GAACCTAGGTGCTTGCAGCCAGGGATATGCAAACCTGGGGCTATGGCCTCACTAGAACAAGAGGCCAGG
CAGTGGGCCTGGTTCAGATGGGCCCTCTGATTGCCTGTGTGCAGGCTTCTCTCTGGGTGTTTCAGTTCT
GTATTTAGTGTAACACGTCCTGTGCTGATTAATAATTTCACTACCTAAGTTGGGCCAAATCGGCTTC
CATCCTTGACCGAGATGCCAATAAATGAGGGAGAGAAGACTGCTCCGGGGTCTCCAGAGAAGCCAGGGT
CACCCAGGGAAGCCTTGGTCTCCTAGTAAGAATGTTGAAAGGGAATGTGTGGGATTTTATGTGGTTCTAT
TTTAGAGATACGGCTGGATTTAATAAAGCTTTGTAGAAGTTTAAAAAAAAAAAAAAAAAAAAAAG

Restriction Sites: RsrII-NotI
ACCN: NM_009337
Insert Size: 351 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).
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:	BC052336 , AAH52336
RefSeq Size:	1392 bp
RefSeq ORF:	351 bp
Locus ID:	21432
UniProt ID:	P56280
Cytogenetics:	12 55.28 cM
Gene Summary:	Enhances the phosphorylation and activation of AKT1 and AKT2. Enhances cell proliferation, stabilizes mitochondrial membrane potential and promotes cell survival (By similarity). [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes isoform 1.