

Product datasheet for **SC306095**

TGIF2LX (NM_138960) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TGIF2LX (NM_138960) Human Untagged Clone
Tag:	Tag Free
Symbol:	TGIF2LX
Synonyms:	TGIFLX
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306095 representing NM_138960. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAACCGTCAGAATTTGTAAATACGACTACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGGCCGCTGCGGACGGCCCGGCTGAGACCCAAAGCCCGGTGGAAAAAGACGCCCGGCGAAGACC
CAAAGCCAGCCCAAGACACCTCAATCATGTCGAGAAATAACGCAGATACAGGCAGAGTTCTTGCCTTA
CCAGAGCACAAGAAGAAGCGCAAGGAACTTCCAGCCGAGTCCGTTAAGATCCTCCGCGACTGGATG
TATAAGCATCGGTTTAAGGCCTACCCTTCAGAAGAAGAGAAGCAAATGCTGTCAGAGAAGACCAATTTG
TCTTTGTTGCAGATTTCTAACTGGTTTATCAATGCTCGCAGACGCATTCTCCGGATATGCTTCAACAG
CGTAGAAAACGACCCCATATTGGCCACAAAACGGGCAAAGATGCCCATGCCACCCACCTGCAGAGCACC
GAGGCGTCTGTGCCGGCCAAGTCAGGGCCAGTGGTCCAGACAATGTACAAAGCCTGCCCTGTGGCCC
TTGCCAAAGGGCCAGATGTCAAGAGAGAAGCAACCAGATCCGGAGTCCGGCCCTAGCCAGAAGCTCACC
GGAATAGCCCAGCCGAAGAAAAAGGTCAAGTTTCTGTACATCCCCGTCTTCTCCAGAACTTGTGTCT
CCAGAGGAGCACGCCGACTTCAGCAGCTTCTGCTAGTGCATGCAGCAGTACAAAGGGCTGCCGAG
CTGGAGCTAGAGAAGAAGCAAGAGCCTAATCCA TGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_138960
Insert Size:	726 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:	<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:	NM_138960.3
RefSeq Size:	881 bp
RefSeq ORF:	726 bp
Locus ID:	90316
UniProt ID:	Q8IUJ1
Cytogenetics:	Xq21.31
Protein Families:	Transcription Factors
MW:	26.7 kDa
Gene Summary:	This gene encodes a member of the TALE/TGIF homeobox family of transcription factors. Testis-specific expression suggests that this gene may play a role in spermatogenesis. A homolog of this gene lies within the male specific region of chromosome Y, in a block of sequence that is thought to be the result of a large X-to-Y transposition. [provided by RefSeq, Jul 2008]