

Product datasheet for **SC123839**

TLX2 (NM_016170) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TLX2 (NM_016170) Human Untagged Clone
Tag:	Tag Free
Symbol:	TLX2
Synonyms:	HOX11L1; NCX
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_016170 edited
 CCACCCGGGACTTGGGCAGCGGGCCGGCAGCCAGCGTCTATTTGCGCTTAAGAGCCAG
 CAAGGAAGCTCCAGGGGCCCCAGCTGGCCGTGCTCCCCGGGATGCAAGTCCCTGCGCTG
 ACGCCCGGCAGCGGCTGGCACGGGCGGGCTGCTCCGGGTGCACAGGGATGCTGCTGTTT
 CGGGGACCCCGCGCCCTGCCTTGGCCAGCCCCGGGGCCCTGAGGCCACTCTCCGGAG
 CGCGCCCGCTGGGCTTCTGGCGCTGCTGAGGCATCCTCCCAACCACCGAACCTCCG
 CGGTTCTCCTCGGCCAGACCGATGGAGCCGGGGATGCTGGGTCCACACAACCTCCAC
 ACCCAGGCAATCAGCTTCGGCATCGATCAGATCCTGAGCGGCCCGAAACCCAGGGG
 GCGGTCTAGGCCTGGGTGCGGGGGCCAGGGTCAATGGGAGAATGGGGCCTTCTCGGGT
 GATACCACGGAGCCTCGGGTACGGTCCCGCGGCTCACTTGCCCCGCTGCCCGGAGCT
 CCGGAGTGGGCCAGGCGCGTGATCCGCGTCCCTGCGCACCGCCGCTGCCTGTGCCG
 CGCCCGTGGGGGGCGCTGCAGTGCCTGGGCCCTCGGGTTTGGGCGGCGCCGGAGGCC
 TAGCGGGACTCACCTTCCCTGGATGGACAGCGGCCCGCTTTGCCAAGGACCGGCTCA
 CGGCTGCGCTCTGCCCTTCTTGGGACGCGCCGATAGGCCACCCTACAAAACCGGA
 CCCCTCCGAAGCGGAAGAAGCCGCGCACGTCTTCTCCGCTCACAGGTGCTGGAGTTGG
 AGCGGCGCTTCTGCGCCAGAAGTACCTGGCCTTCTGCGGAGAGGGCGGCGCTGGCCAAGG
 CCTTGCGCATGACCGACGCACAGGTCAAACGTGGTTCAGAACCAGCGACCAAGTGGC
 GGCGCCAGACGGCGGAGGAGCGCGAGGCCGAGCGGCACCAGCGGGCCGGCTGCTCCTGC
 ATCTGCAGCAGGACGCGTTGCCACGGCCGCTGCGGCCCGCTGCCCCGGACCCCTCTCT
 GCCTGCACAACTCGTGCCTTTCGCGCTGCAGAACCTGCAGCCCTGGGCCGAGGACAACA
 AAGTGGTTCAGTGTCCGGGCTCGCCTCGGTGGTGTGAGCGACGCCCGTCCGATCGGCGT
 GGAGCGCCGGGCCCGAGCGGTGGAGCGCGGGCTGCCTGCGTCCATGGTCTAGTGGCAG
 CGGGCGCGTGGAGCGCGAGGCTTGGGCTGTCGTCGAGGGCTCCTCCACCACCGGC
 CGGCTCCCAAGCCAGCGTTGCGCAGATGCACGGCCAGCTCAGAGCGGCCCTTCCCGCCA
 TTTTCTACTTACTGCCGTTACGCCCTCGTGGAACTGAGGCGCCGAGAGGGCGGGACC
 TGCAGGACAGTAGCCAATGAGGTGCGGGGAGGGGGCCGGGCTGGCCAATGGGAGTGCTT
 TCCTGAGGGACTCGAAATTCCTCCGGCGGGTGGTGGGAGCTGGGGCTCTGAGGGGCTTA
 GCGGCGTGTGCGCGGGTCCCGGCTGGGTCTGTACCAAAGGTGTGAAGGAAAGAAGACACC
 GACCACGGCGAAGCAATAGAGGGGGTGTGGAGCGCGAGAGGCTGGCTGATTGTGACCGA
 AACCAGAGGGTTGTCCACCCCGGCATCTCATCCCTCACTGTAAATAATCGCTAAGGA
 TTCCTTCTGACAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_016170 unedited
 NNNAAAGAGTCAACAATTGTAAACGACTCACTATAGGGCGGCCGGAATTCGCACGAGGCC
 ACCCGGGACTTGGGCAGCGGGCCGGCAGCCAGCGTCTATTTGCGCTTAAGAGCCAGCA
 AGGAAGCTCCAGGGGCCCCAGCTGGCCGTGCTCCCCGGGATGCAAGTCCCTGCGCTGAC
 GCCCGGCAGCGGCTGGCACGGGCGGGTGTCTCCGGGTGCACAGGGATGCTGCTGTTTCG
 GGGACCCCGCGCCCTGCCTTGGCCAGCCCCGGGGCCCTGAGGCCACTCTCCGGAGCG
 CGCCCGGCTGGGCTTCTGGCGTGCCTGAGGCATCCTCCCAACCACCGAACCTCCGGC
 GGTTCCTCCTCGGCCATACCGATGGAGCCGGGATGCTGGGTCCACACAACCTCCACAC
 CACGAGCAATCAGCTTCGGCATCGATCAGATCCTGAGCGGCCCGAAACCCAGGGGGC
 GGTCTATGCCTGGGTGCGGGGGCCAGGGTCAATGGGAGAATGGGGCTTCTCGGGTGA
 TACCACGAGCCTCGGGTACGGTCCCGCGGCTCACTTGCCCCGCTGCCCGGACGCTCC
 GGAGTGGGCCATGCGGGTGCATCCGCGTCCCTGCGCACCGCCGCTGCCTGTGCCGCCG
 CCCGCTGGGGGGCGCCTGCAGTGCCTGGGCCCTCGGGTTTGGGCGGCGCCGGAGGCCTA
 GCGGGACTCACCTTCCCTGGATGGACAGCGGCCCGCTTTGCCAAGGACCGGCTCACG
 GCTGCGCTCTCGCCCTTCTTGGGACGCGCCGATAGGCCACCCTACAAAACCGGACC
 CCTCCGAACGGGAGAAACCGCGCACGTGCTTCTCCCGCTCACAGGG

Restriction Sites: Please inquire
ACCN: NM_016170

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:	NM_016170.3 , NP_057254.1
RefSeq Size:	1771 bp
RefSeq ORF:	855 bp
Locus ID:	3196
UniProt ID:	O43763
Cytogenetics:	2p13.1
Protein Families:	Transcription Factors
Gene Summary:	This gene is a member of an orphan homeobox-containing transcription factor family. Studies of the mouse ortholog have shown that the encoded protein is crucial for the development of the enteric nervous system; in humans, loss-of-function may play a role in tumorigenesis of gastrointestinal stromal tumors. [provided by RefSeq, May 2010]