

Product datasheet for **SC122902**

TLX3 (NM_021025) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TLX3 (NM_021025) Human Untagged Clone
Tag:	Tag Free
Symbol:	TLX3
Synonyms:	HOX11L2; RNX
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_021025 edited

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GCCGGGCGCTCCATGGCCGCGCCGTAACGGGGACCCAGCCGCCTCCCCGCCAGCCAGC
CCAGCCCTTCCGCGCGCCAGGATGGAGCGCCGCCAGCGCGCAGACCCCGCACCCGCA
CGAGCCCATCAGCTTCGGCATCGACAGATCCTTAACAGCCCGGACAGGACAGCGCACC
CGCCCCGCGGGGCCCGACGCGGCCAGCTACCTGGGAGGGCCCCCGGGGCGCTCCGGG
CGCCACATACCCGTCTCTGCCGCCTCCTTTGCGGGCCTCGGCGCGCCCTTCGAGGACGC
GGGATCTTACAGTGTGAACCTGAGCCTAGCGCCCGCAGGCGTGATCCGGGTGCCGCGCA
CAGGCGCTGCCGGGGCCGTGCCACCGCCTTGCCAAGCGCGCTACCCGCCATGCCCTC
CGTGCCACGGTCTCCAGCCTTGCGGTCTCAATTTCCCTGGATGGAGAGCAGCCGCCG
CTTCGTGAAAGACCGCTTACAGCGCGGCCGCACTACGCCCTTACCCTGACCCGGCG
CATCGGCCACCCCTACCAGAACCGGACGCCGCCAAGCGTAAGAAGCCGCGCACGTCCTT
TTCCCGGGTGAGATCTGCGAGCTGGAAGGCGCTTCATCGCCAGAAGTACCTGGCCTC
TGCCGAGAGGGCGCGCTCGCCAAGTCCCTCAAAATGACGGACGCGCAGGTCAAGACCTG
GTTCAAAACCGGAGGACCAAGTGGCGGCGGACAGCGGCGGAGGAGCGGGAGGCGGAGCG
GCAGCAGGCGAGCCGGCTCATGCTGCAGCTGCAACACGACGCCTTCAAAAGAGCCTCAA
CGACTCCATCCAGCCTGACCCGCTCTGTCTGCACAACCTCGTCACTCTTTGCTCTGCAGAA
TCTGCAGCCCTGGGAGGAGGATAGTTCCAAGTTCCCGCTGTACCTCCCTGGTGTGAGC
CCACCAGCGCGCACCGTCCGACGGATCGCCGCCCGCCAGCCAGCGGGCGCCCGGACCC
CCCAGGAGGGCTCGGGGGAACCGCGCCGAGAGGGGAAGGGGCCGCTAGCCCGAGTAG
GCCCCAGGGCGCGCCACAGACTGGCGGGCCGCGGAAGGGGTAGGGCCGAGCTCCGCG
CGGCCGACAATCCGAGCCCCCGCCCGCGCCCGTCCCGCCCCAGGCCCGGGCTGACA
AGAAAGCGCCTTACGTTTCTCCGCCCCCGCCGACCCCGGGCGGGCGCCTGTATT
ATACTTTGTAATTTGCCAAACGTGTAATAATAAAAAAGTTTTGGCTTTTTTCTTTAG
AAACGGCCACCTGCTTCCCCCGCGGGGCGCTGGAGGAAGGGCAGCCGACCCGGCCGC
TGGGGGAAGTGCCAGGGGCCCGGGCACCTGCGTTTAGGCTGGGTCCACTTTCTTCTT
TTTCGTTCTTTTATTTAAGTCTTTTATTTAATAAAAAAGTTAGCTATTTCAAAAAA
AAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_021025 unedited <pre> AAAAAAAACTCTACGNCATTTGTNATACGACTCATCANAGGCGGCCGCGNAATTCGCACGA GGGCCGGGCGCTCCATGGCCGCGCCGTACGGGGACCCAGCCGCTCCCCGCCAGCCAG CCCAGCCCTTCCGCCCCGCCAGGATGGAGGCGCCCGCCAGCGCGCAGACCCCGACCCGC ACGAGCCCATCAGCTTCGGCATCGACCAGATCCTTAACAGCCCGGACCAGGACAGCGCAC CCGCCCCGCGGGGCCCGACGGCGCCAGCTACCTGGGAGGGCCCCCGGGGGCCGTCCGG GCGCCACATAACCGTCTCTGCCCCGCTCCTTTGCGGGCCTCGGCGCGCCCTTCGAGGACG CGGGATCTTACAGTGTGAACCTGAGCCTAGCGCCCGCAGGCGTGATCCGGGTGCCGGCGC ACAGGCCGCTGCCCGGGGCCGTGCCACCGCCTCTGCCAAGCGCGCTACCCGCCATGCCCT CCGTGCCACGGTCTCCAGCCTTGCGGTCTCAATTTCCCTGGATGGAGAGCAGCCGCC GTTCTGTGAAAGACCGCTTCACAGCGGCGGCCGCACTACGCCCTTCACCGTGACCCGGC GCATCGGCCACCCCTACCAGAACCGGACGCCGCCAAGCGTAAGAAGCCGCGCACGTCT TTTCCCGGTGCAGATCTGCGAGCTGAAAAGCGCTTCCATCGCCAGAAGTACCTGGCT CTGCCGAGAGGGCGGCTCGCCAAGTCCCTCATATGACGGACGCGCAGGTCAAGACCTG GTTCCAAAACCGGTAGACCAANTGGCGGCGCATACCGCGGATGATCCGAGGGCGATCG GCAC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_021025
Insert Size:	1522 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_021025.2 , NP_066305.2
RefSeq Size:	1513 bp
RefSeq ORF:	876 bp
Locus ID:	30012
UniProt ID:	O43711
Cytogenetics:	5q35.1
Protein Families:	Transcription Factors

Gene Summary:

The protein encoded by this gene is an orphan homeobox protein that encodes a DNA-binding nuclear transcription factor. A translocation [t(5;14)(q35;q32)] involving this gene is associated with T-cell acute lymphoblastic leukemia (T-ALL) in children and young adults. [provided by RefSeq, Nov 2015]