

Product datasheet for SC303659

HOX11 (TLX1) (NM_005521) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HOX11 (TLX1) (NM_005521) Human Untagged Clone
Tag:	Tag Free
Symbol:	HOX11
Synonyms:	HOX11; TCL3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC303659 representing NM_005521. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGCACCTGGGTCCGCACCACCTCCACCCGGGTACGCGAGAGCCATTAGCTTCGGCATCGACCAG
ATCCTCAACAGCCCGACCAGGGTGGCTGCATGGGACCCGCTCGCGCTCCAGGACGGAGAATACGGC
CTTGGTCTGGTGGGAGGCGCTACACTTACGGCGCGGGGGCTCCGCGCCGCGACGGGGGGCTGGA
GGAGCGGGGGCTATGGTACTGGAGTCCCGCGGCCCGGAGGCCCGGAGGCGCGCGCGCGCTGC
AGCATGGTCTCTGACCGCTCTACAACGTGAACATGGCTTGGCAGGCGCCCGGTCTGGCGGC
GGCGCGCGCAGCAGCGGGTCCCGGGGCACTCAGCGCTGCGGGGTAATCCGGGTGCCGCGACACAGG
CCGCTCGCCGGAGCCGTGGCCACCCAGCCCTGGCCACCGGTTGCCACCGTGCCCTCTGTGCTT
GCCATGCCGGCGTCAACAACCTCACTGGCCTCACCTTCCCTGGATGGAGAGTAACCGCAGATACACA
AAGGACAGGTTACAGGTCACCCATCAGAACCGGACGCCCCAAGAAGAAGAAGCCGCGCACGTCC
TTCACACGCTGCAGATCTGCGAGCTGGAGAAGCGCTTCCACCGCCAGAAGTACCTGGCCTCGGCCGAG
CGCGCCGCTGGCAAGGCGCTCAAAATGACCGATGCGCAGGTCAAACCTGGTTCCAGAACCAGCGG
ACAAAGTGGAGACGGCAGACTGCGGAGGAACGGGAGGCCGAGAGGCAGCAAGCAACCGCATCCTCTG
CAGTTGCAGCAGGAGGCTTCCAGAAGAGCCTGGCACAGCCGCTGCCCGTGACCCTCTGTGCGTGCAC
AACTCGTCGCTCTCGCCCTGCAGAATCTGCAGCCGTGGTCTGACGACTCGACCAAAATCACTAGCGTC
ACGTCGGTGGCGTCGGCCTGCGAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_005521
Insert Size:	993 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_005521.3
RefSeq Size:	2123 bp
RefSeq ORF:	993 bp
Locus ID:	3195
UniProt ID:	P31314
Cytogenetics:	10q24.31
Domains:	homeobox
MW:	34.4 kDa
Gene Summary:	<p>This gene encodes a nuclear transcription factor that belongs to the NK-linked or NK-like (NKL) subfamily of homeobox genes. The encoded protein is required for normal development of the spleen during embryogenesis. This protein is also involved in specification of neuronal cell fates. Ectopic expression of this gene due to chromosomal translocations is associated with certain T-cell acute lymphoblastic leukemias. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2010]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>