

Product datasheet for **SC319188**

HLX1 (HLX) (NM_021958) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HLX1 (HLX) (NM_021958) Human Untagged Clone
Tag:	Tag Free
Symbol:	HLX1
Synonyms:	HB24; HLX1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_021958.2
 TTAGAGACGAGTTTTTTTTTTTTTCTATTACTTTTCCCCCCCCTAACTAACGGACTAT
 TATTGTTGTTGTTTTAAATTTAGCTCTTAGGGCTTAGCTATTTGGGTTTTCTTGCGGTGT
 CCGGCTCCCGTCTCCCTGGCTCCCCCGCCGCCCTGCGGCCCCAGCGCCCTCGCTCTCA
 TCCAGCCCCGAGGAGTGC GGCGCCGCGCCGCTTTAAAGCGAGGCCAGGGAGCGAGGC
 GGTGACCGGCCGAGATCCGGCCCTCGCTCCTCCCTCGGTGGCGCTAGGGCTCCCGGCT
 CTCTTCTCAGTGC GGCGGAGAAGCGAAAGCGGATCGTCTCGGCTGCCGCCCTTCT
 CCGGGACTCGCGCCCCCTCCCCGCGGCCACCCACCCAGTCCGGCTGGACTGCGGCAG
 CCGCGCGGCTCACCCCGCAGGATGTTGCGAGCCGGGCTGGCTCCCTTCTACGCCTCAA
 CTTCAGCCTCTGGTGGCCGCTTACTGCTCCTCGGCCGGCCAGGCGGCTGCTCCTTCCC
 CTTGGACCCCGCCCGTCAAAAAGCCCTCCTTCTGCATCGCAGACATTCTGCACGCCGG
 CGTGGGGGATCTGGGGCGGCCCGGAGGGCTGGCAGGGGCTCGGCCCGCCCTCAC
 CGCGCACTTGGGCTCGGTTACCCCGCACGCTCTTCCAAGCGCGGCCAGATCCCCGCT
 TCGACCCACCCAGTGGTGGCGCCCTCCGAAGTCCGGCTGGCTTCCCGCAGCGGCTGTC
 TCCGCTCTCAGCCGCTACCACCACCATCACCCGAACAACAACAGCAGCAGCAACAGCC
 GCAGCAGCAACAGCCTCCGCCTCCGCCCGGGCTGGCGCCTGCAGCCCCGGCCTCGGG
 GACGCGAGTGGTCCGAACCCCCACCACAGTGGCTCTGCCCGGCCCCCTCCAGCAAAGA
 CCTCAAATTTGGAATTGACCGCATTTTATCTGCAGAATTTGACCCAAAAGTCAAAGAAGG
 CAACACGCTGAGAGATCTCACTTCCCTGCTAACCGGTGGCGGCCCGCCGGGGTGCACCT
 CTCAGGCTGCAGCCCTCGGCCGGCCAGTTCTTCGCATCTTAGATCCCATTAACGAGGC
 TTCTGCAATCCTGAGTCCCTAAACTCGAACCCAAGAAATTCAGTTCAGCATCAGTTCCA
 AGACACGTTTCCAGGTCCTATGCTGTGCTCACGAAGGACACCATGCCGAGACGTACAA
 AAGGAAGCGTTTCATGGTCGCGCTGTGTTCTCCAACCTGCAGAGGAAAGCCTGGAGAA
 AAGGTTTTGAGATTCAGAAGTACGTGACCAAGCCGACCGAAAGCAGCTGGCGGCGATGCT
 GGGCCTCACGGACGCACAGGTGAAGGTGTGTTCCAGAACC GGCGGATGAAGTGGCGCA
 CTCCAAGGAGGCCAGGCCAAAAGGACAAGGACAAGGAGGCTGGCGAGAAGCCATCAGG
 TGGAGCCCCGGTGC GGATGGCGAGCAGGACGAGAGGAGCCCCAGCCGTTCTGAAGGCGA
 GGCTGAGAGCGAGAGCAGCGACTCCGAGTCCCTGGACATGGCCCCAGCGACACGGAGCG
 GACTGAGGGGAGTGAGCGTTCTCTGCACAAACAACAGTTATTAAGGCCCGGTCACTGG
 CGCCCTCATTACCGCCAGCAGTGTGGGAGTGGTGGGAGCAGCGCGCGCGCGGCAATAG
 TTTGAGCTTACGAGCGCCAGCAGTCTTAGTAGCAGCAGCACCAGTGGCGGTTGCGCCAG
 CAGCCTTGGCGGCGCGCGCCTCGGAGTCTCCCTGCAACACAGCCCACAGCCAGCAG
 CGTCCCAAAAAGCCCCGAGCCAGCCAAAGGCGCCTTGGCTGCTTATAGACTGTACTAGG
 GCGGAGGGGATCCGGGCTTGCCTGCAGCCTCCCAACCATGGGCTGGGTTTTGTGCTTAC
 TGTATGTTGGCGACTTGGTAGGGCAGGAGACGCAGCGTGGAGCCTACCTCCCGACATTCA
 CGCTTCGCCCCACGCTGCTCCGACTGGCTGCAGCGGACTGCCCAAAGCAGAGGGGAGT
 CTCAGTGTCTGCTAGCCAGCCGAACACTTCTCTCCGGAAGCAGGCTGGTTCGACTGTGA
 GGTGTTTGACTAAACTGTTTCTGACTCGCCCCAGAGGTCGTGGCTCAAAGGCACTTAG
 GACGCCTTAAATTTGTAATAAAATGTTTACTACGGTTAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_021958

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_021958.2 , NP_068777.1
RefSeq Size:	2308 bp
RefSeq ORF:	1467 bp
Locus ID:	3142
UniProt ID:	Q14774
Cytogenetics:	1q41
Domains:	homeobox
Protein Families:	Transcription Factors
Gene Summary:	Transcription factor required for TBX21/T-bet-dependent maturation of Th1 cells as well as maintenance of Th1-specific gene expression. Involved in embryogenesis and hematopoiesis (By similarity).[UniProtKB/Swiss-Prot Function]