

Product datasheet for **MC216459**

Hlx (NM_008250) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hlx (NM_008250) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hlx
Synonyms:	Hlx1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216459 representing NM_008250
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTCGAGCCGGCCTGGCTCCCTTCTATGCTTCCAACCTTGTCTCTGGTCAGCCGCTACTGCTCCT
 CGGCGGGCCCGGGCGGCTGCTCCTTCGCCCTGGACCCAGCCGCTGTCAAGAAACCTCTTTCTGCATCGC
 GGACATCCTGCACGCGCGCTCGGGGAGCCGGGCCCGCTGCAGAGGGACTGGTGGGGCCCTCGGCAGCC
 CTCACCGCACACTTGGGCTCCGTGCACCCGCACGCCTCCTTCAAAGCTGCCGCCAGATCCCCGCTCCGTC
 CCACCCCGGTGGTGGCGCCCTCAGAAGTCCCGGCTGGCTTCCCTCAGCGGCTGTCTCCGCTCTGCCGC
 CTTCCACCAGCATCTCCCGCAGCAATCACCAACGCAGCAACAGCAACCGCAGCAGAGCCCCGCTCCA
 CCCCAGGGGCTCCTCGCAGCCACCGACTTCGGGGACGCGGGTGGTCCCCACCATAGCGGCTCCGCC
 CTGCCCTCCAGCAAAGACCTCAAATTTGGTATCGATCGAATTTGTCTGCGGAATTTGACCCAAAAGT
 TAAGGAAGGCAACACTCTGAGAGATCTCACATCGCTGCTAACCGGTGGGCGCCCTGCAGGGGTGCATCTA
 GCTGGCCTGCAGCCTTACGCGGGACAGTTCTTCGCATCTCTAGATCCCATTAGCGAGGCGTCTGCCATCC
 TCAGCCCCCTTAAGCTCCAACCCAAGAAATTCGTTCAGCATCAATTCGAAGACATTTCCAGGTCCCTA
 TGCTGTGCTACTAAGGACACCATGCCACAGACATAACAAGCGGAAGCGCTCGTGGTCCCCTGCTGCTTT
 TCCAACCTGCAAAGAAAAGGCTGGAGAAGAGGTTTGAGATCCAGAAGTACGTGACCAAGCCAGACCGAA
 AGCAGCTGGCGGCCATGCTGGGCCTCACGGATGCACAGGTGAAGTGTGGTTCCAGAACCAGGAGGATGAA
 GTGGCGGCACTCTAAGGAGGCGCAGGCGCAGAAGGACAAGGACAAGGAAGCGGGCGAGAAGCCTCCGGC
 GGAGTCCCAGCGAGGGTGAACGGGAGGAGAGGCCAGCCGTTCTGAGGGCGAAGCCGAGAGCGAGA
 GCAGTGACTCGGAGTCCCTGGACATGGCCCCAGCGACACGGAACGGACTGAGGGAACGGAGAGGTCCT
 GCATCAAACCACGGTCATCAAGGCCTCAGCCGCGGGTGCCTCATCACTGCCAGCAGCAGCAGAGTGGT
 AGCAGCTTCAGTTTCAGCAGCACCAGCAGCCTGGGTAGCGGCAACACCCACGTGGGGAGGCCAGCAGCC
 TTGGCGGCAACTGCTCGGAGTGCCTTCGGCTCACCAGCCCTCAGTCACCAGCAGTCTCAAAGCCCGGA
 GATCGCCAGGCCCGCTTGCAGGTTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_008250

Insert Size: 1431 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:	<u>NM_008250.2</u> , <u>NP_032276.1</u>
RefSeq Size:	2171 bp
RefSeq ORF:	1431 bp
Locus ID:	15284
UniProt ID:	<u>Q61670</u>
Cytogenetics:	1 88.97 cM
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. [UniProtKB/Swiss-Prot Function]