

## Product datasheet for **RN203583**

### **Hlx (NM\_001077674) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Hlx (NM_001077674) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hlx
Synonyms:	Hlx1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203583 representing NM\_001077674  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTTTCGAGCCGGCCTGGCTCCCTTCTACGCTTCCAACCTTGTCTCTGGTCAGCCGCTACTGCTCCT  
CCGCGGGCCCGGGCGGCTGCTCCTTCGCTTGGACCCGGCGCTGTCAAGAAACCCTCTTTCTGCATCGC  
GGACATCCTGCACGCGCGCTCGGGGAGCCGGACCCGCTGCAGAGGGACTGGTGGGGCCCTCGGCAGCC  
CTCACCGCACACTGGGCTCCGTGCACCCGCACGCTTCTTCCAAGCTGCCGCCAGATCCCCGCTCCGTC  
CCACCCCGGTGGTGGCGCCCTCAGAAGTCCCGGCTGGATTCCCTCAGCGGCTGTCTCCGCTCTGCCGC  
CTACCACCAGCATCTCCCGCAGCAACCACCAACGCAGCAACAGCAGCCGAGCAACAGCCCCGCTCCA  
CCCCGGGCGGGTCCCTGCAGCCCGGACTTCGGGGACGCGGGTGGTCCCCACCATAGCGGCTCCGCC  
CTGCCCTCCAGCAAAGACCTCAAATTTGGTATTGACCGAATTTGTCTGCAGAATTTGACCCAAAAGT  
CAAGGAAGGCAACTCTGAGAGATCTCACATCGCTGCTAACTGGTGGGCGGCCACAGGGTGCATCTG  
GCTGGCCTGCAGCCTTCGGCGGGACAGTTCCTCGCATCTCTAGATCCCATTAGCGAGGCGTCTGCCATCC  
TCAGCCCCCTTAAGCTCCAACCCAAGAAATTCGTTCAACATCAATTCCAAGACACGTTTCCAGGTCCTA  
TGCTGTGCTTACCAAGGACACCATGCCACAGACGTACAAGCGGAAGCGCTCCTGGTCCCCTGCTGCTTT  
TCCAACCTGCAAAGAAAAGGCTGGAGAAGAGGTTTGAGATCCAGAAGTACGTGACCAAACCAGATCGAA  
AGCAGCTGGCGGCCATGCTGGGCTCACGGATGCACAGGTGAAGGTGTGGTTCCAGAACCAGGAGGATGAA  
GTGGCGGCACTTAAGGAGGCGCAGGCGCAAAAGGACAAGGACAAGGAAGCGGGCGAAAAGCCTTCGGGC  
GGAGTCCCCCGAGGGAGAAAGAGAAGAGAGAGGCCAGCCGTTCCGAGGGCGAAGCCGAGAGCGAGA  
GCAGTGACTCGGAGTCCCTGGACATGGCCCCAGCGACACAGAACGGACTGAGGGAACAGAGAGGTCCT  
GCACCAAACACAGTCATCAAGGCTCAGCCGCGGGTGCCTCATCACAGCCAGCAGCGCGAGTGGG  
AGCAGTTCAGCTTCAGCAGCTCCAGCAGCTGGGTAGCAGCAACGCGAGCGGGGAGCCAGCAGCC  
TTGGCAGCAACTGCTCGGAGTCTTCCCTCGCACCAGCCCTCAGTCACCAGCGTCTCAAAGCCCTGA  
GATTGCCAGGTTCCGCTTCAGGTTTAG

**ACGGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001077674

**Insert Size:** 1431 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\\_001077674.1](#), [NP\\_001071142.1](#)  
RefSeq Size: 2141 bp  
RefSeq ORF: 1431 bp  
Locus ID: 364069  
UniProt ID: [A0JPN1](#)  
Cytogenetics: 13q26  
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]