

Product datasheet for MR229017

Hoxd8 (NM_001290730) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hoxd8 (NM_001290730) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Hoxd8
Synonyms: 4921540P06Rik; AI047735; Hox-4.3; Hox-5.4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR229017 representing NM_001290730
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCTCGTACTTCGTGAACCCGCTGTACTCCAAGTACAAGGCGCGCCGCGGGCGGGCGGGCTG
 CGGCGGCCGCGGGCGGAGGCCATCAATCCCCTACTACGACTGTCATTTTGCACCCGAGGTCAGCGG
 CCGCCACGCCCGCCCTGCAGCTCTATGGCAACAGCGCCGCGGCTTCCCGCACGCGCACCCGCACCCG
 CACCCGCACCCGTCGCCCGCCCGGGTGCAGCGGAGGGGGCGGCCCGGGGCCGCGCCAGGACTACTTCC
 ACGCCGGCGCGGGCAGCCGACCGCTGCCCTACCAGGCCGCCACCTCCTCCGCACCCCTCCGCTCCGCC
 GCCGCTCCCCCTGCGGCGGGATTGCCTGTACGGGGAGCCCGGAAGTTTTACGGATACGATAACTTA
 CAGAGACAGCCGATTTTTACGACCCAGCAAGAGGCCGAGCTGGTACAATATCCTGACTGTAATCGTCCA
 GTGGTAATATTGGCGAGGACCCAGACCACTTAAATCAGAGCTCGTCTCCTTCTCAAATGTTTCCCTGGAT
 GAGACCACAAGCTCCTGGTAGACGGAGAGGAAGACAACTACAGTCGTTCCAAACCTAGAGTTGGAA
 AAGGAATTCCTTTTTAACCTTATCTGACCAGGAAGAGGAGAATCGAGGTCTCCATACTCTGGCCCTCA
 CGGAGAGACAGGTAATAATCTGGTTCAGAACAGGAGAATGAAATGGAAAAGGAGAACAACAAAGACAA
 GTTTCCTGCTCCCGCCGAGGCAAGGATGGAGACCCCAAAAAGGAAGTCTCGGGCTGGAAGAAGAC
 GGAGCTGAAGGCTGCCCCACAAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR229017 representing NM_001290730
 Red=Cloning site Green=Tags(s)

MSSYFVNPLYSKYKAAAAAAAAAAAAAAAAAGEAINPTYDYDCHFAPEVSGRHAALQLYGNSAAGFPHAHPHP
 HPHPSPPPGCGGGGGPGQDYFHAGAGSPTAAYQAAPPPPPPPPPPPPPCGGIACHGEPAKFYGYDNL
 QRQPIFTTQAEALVQYPDCKSSSGNIGEDPDHLNQSSSPSQMFPWMPQAPGRRRGRQTYSRFQTLLELE
 KEFLFNPLYLTKRRRIEVSHTLAL TERQVKIWFQNRMRKWKKENNKDKFPASRPEAKDGDPPKKEVSGLEED
 GAEGCPTN

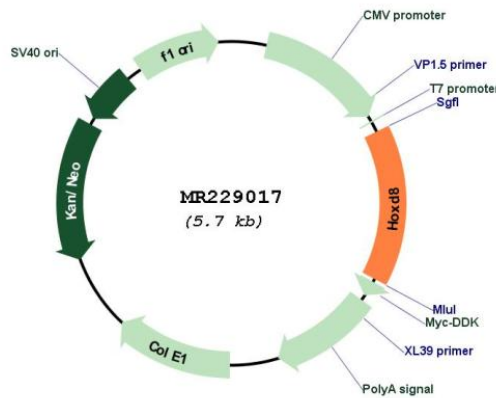
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001290730

ORF Size: 864 bp

OTI Disclaimer:	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
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001290730.1 , NP_001277659.1
RefSeq Size:	2052 bp
RefSeq ORF:	867 bp
Locus ID:	15437
Cytogenetics:	2 44.13 cM
MW:	31.7 kDa
Gene Summary:	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. [UniProtKB/Swiss-Prot Function]