

Product datasheet for RN216122

Hoxb8 (NM_001191649) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hoxb8 (NM_001191649) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hoxb8
Synonyms:	Hox2r1a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216122 representing NM_001191649 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCTCTTATTTTCGTCAACTCACTGTTCTCCAATACAAAACCGGGGAGTCCCTGCGCCCAATTATT
ATGACTGCGGCTTCGCCAGGACCTGGGCGCCGACCCACCGTGGTGTACGGTCCCAGCAGCGGGCGGAG
CTTCCAGCACCTTCGAAATCCAGGAGTTCTACCACGGGCCATCGTCGCTGTCCAGGCTCCCTACCAG
CAGAACCCGTGCGCCGTGGCGTGCCACGGGGACCCGGGCAACTTCTACGGCTACGACCTCTGCAGCGCC
AGAGCCTGTTTCGGTGCAGGATCCAGACCTGGTGCAGTACGCAGACTGCAAGCTCGCGGCAGCCAGCGG
CCTGGGCGAGGAGCCGAGGGGTCTGAGCAGAGCCCGTCGCCACACAGCTCTTCCCTGGATGCGCCCT
CAAGCAGCCGCCGAGCGCAGGCGAGGCCGCCAGACCTACAGCCGCTACCAGACCTGGAGCTGGAGAAGG
AGTTCTATTTAATCCCTATCTGACTCGCAAGCGGAGGATCGAGGTATCGCACGCGCTGGGACTGACAGA
AAGACAGGTCAAATCTGGTTCCAGAAATCGGAGAATGAAGTGGAAAAAGGAGAACAACAAGACAAGTTC
CCCAGCAGTAAATGCGAGCAGGAGGAGCTGGAGAAAGAGAAGCTGGAGCGGGCGCCAGAGACCGCCGAGC
AGGGCGATGCGCAGAAGGGTGACAAAAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001191649
Insert Size:	732 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001191649.1</u> , <u>NP_001178578.1</u>
RefSeq Size:	973 bp
RefSeq ORF:	732 bp
Locus ID:	24457
Cytogenetics:	10q26
Gene Summary:	mouse homolog is a homeobox transcription factor; involved in control of developmental pathways [RGD, Feb 2006]