

Product datasheet for RN216120

Hoxc8 (NM_001177326) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hoxc8 (NM_001177326) Rat Untagged Clone
Tag: Tag Free
Symbol: Hoxc8
Synonyms: Hox3r4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216120 representing NM_001177326
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCTCTACTTCGTCAACCCCTGTTCTCAAATACAAAGGCGGCGAGTCCCTGGAACCGGCCTATT
ACGACTGCCGGTCCCTCAGAGCGTGGGCAGAAGCCATGCGCTGGTGTACGGGCCGGCGGCTCAGCGCC
CGGCTTCAGCAGCCTCGCACCAGTCCAAGACTTCTCCACCACGGCACCTCCGGCATCTCCAACCTCG
GGCTACCAGCAGAACCCTGCTCGCTGAGCTGCCACGGAGACGCTCCAATTCTATGGCTACGAGGCGC
TCCCCAGACAGTCCCTTTATGGGGCTCAGCAAGAGGCGAGCGTGGTGAATATCCCGACTGTAAATCCTC
CGCCAACACTAACAGTAGCGAAGGACAAGGCCACTTAAATCAGAACTCGTCTCCAGCCTCATGTTTCCA
TGGATGAGACCCACGCTCCTGGGCGGCGCAGCGGACGACAACTTACAGCCGGTATCAGACCTTGGAA
TAGAGAAGGAGTTTCTTTAATCCTTATTTGACCAGAAAGCGCCGATTGAAGTCTCTCACGCCCTGGG
ACTGACGAAAGACAAGTGAAGATTTGGTTCCAGAATCGAAGGATGAAGTGGAAAAGGAGAACAACAAG
GATAAATTCTGGGGCCCGAGATGAGGAGAAGTGAAGAAGAAGGGAATGAGGAAGAGGAGAAGGAGG
AGGAGGAAAAGGAAGAAAATAAGGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001177326
Insert Size: 729 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_001177326.2, NP_001170797.2</u>
RefSeq Size:	1228 bp
RefSeq ORF:	729 bp
Locus ID:	24460
Cytogenetics:	7q36
Gene Summary:	mouse homolog is a homeobox transcription factor; involved in controlling bone formation [RGD, Feb 2006]