

Product datasheet for MC200966

Hoxa5 (NM_010453) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hoxa5 (NM_010453) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hoxa5
Synonyms:	Hox-1.3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC011063 sequence for NM_010453

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GGGTGCTATAGACGCACAAACGACCGCGAGCCACAAATCAAGCACACATATCAAAAAACAAATGAGCTCT
TATTTTGTAACTCATTTTTCGGTCTGCTATCCAAATGGCCGGACTACAGTTGCATAATTATGGAGATC
ATAGTTCCGTGAGCGAACAATTACAGGACTCGGCGAGCATGCACTCCGGCAGGTACGGCTACGGCTACAA
TGGCATGGATCTCAGCGTCGGCCGTTTCGGTTCGGCCACTTTGGCTCCGGCGAGCGCTCCGCAGCTAC
GCGGCTGGGGCCAGTGCGGCGCCCGCCGAGCCAGGTACAGCCAGCCGGCCACGTCCACGCACTCGCCAC
CGCCCGACCCGCTGCCCTGCTCAGCGGTGGCCCCCTCGCCCGGCAGCGACAGCCACCAGCGGGGAAAAA
CTCCCTGGGCAACTCCAGCGGCGCTCGGCCAACGCCGGCAGCACCCACATCAGCAGCAGAGAGGGGTT
GGCAGGGCGTCCGCAGCCGAGGAGGACGCCCTGCCAGCAGCGAGCAGGCGGGCGCCAGAGCGAGCCGA
GCCCGGCGCCCGCTCAGCCCCAGATCTACCCCTGGATGCGCAAGCTGCACATTAGTCACGACAATAT
AGGTGGCCAGAAAGGCAAAAGGGCCCGACGGCTACACTCGCTACCAGACCCTGGAGCTGGAGAAAGAA
TTCCACTTCAACCGCTACCTGACCCGCCGAAGAAGGATCGAAATAGCTCATGCCCTTTGCCCTCTCCGAGA
GACAAATTAATCTGGTTCCAAAAACAGGAGGATGAAGTGGAAGAAAGATAATAAGCTGAAAAGCATGAG
TATGGCCGCGGCGAGGGGGGCTTTCCGCCCTGAGCATCTGAGCGGCCAAAGTACTGAGCAGTAGTAGCC
GGGCAGCTCTCTGTAGTGTCACTAAGGTGACTTTCTGAAACTCCCCTTGTGTTCTTCTGTGAAGAA
GCCCTGTTCTGTTGCCCTAATTCATCTTTAATCATGAGCCTGTTTATTGCCATTATAGCGCCTGTATA
AGTAGATCTGCTTCTGTTTCATCTCTTTGCCTGAATGGCTTTGTCTTGAAAAAATAGATGTTTAACT
TATTTATATGAAGCAAGCTGTGTTACTTGAAGTAACTAAAAACAAAAAAAAAAAAAAAAAAAA
  
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Restriction Sites:	RsrII-NotI
ACCN:	NM_010453
Insert Size:	813 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).
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>BC011063</u> , <u>AAH11063</u>
RefSeq Size:	1179 bp
RefSeq ORF:	813 bp
Locus ID:	15402
UniProt ID:	<u>P09021</u>
Cytogenetics:	6 25.4 cM
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. Also binds to its own promoter. Binds specifically to the motif 5'-CYYNATTA[TG]Y-3'. [UniProtKB/Swiss-Prot Function]