

Product datasheet for **MC204117**

Hmx2 (NM_145998) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hmx2 (NM_145998) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hmx2
Synonyms: Nkx-5.2; Nkx5-2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC023402

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GTCCCCCTCCGTAGGTCAAAGTCAGAGACCACAAGGAGGGAACCCAGAGCACCCACCTCTCCTTGCCTGG
GAAACTAGAAGTGGAGCTGGGGAGAAGGAGAAGGAGGTGAAAGGATGGGCAGCAAGGAAGATGTGGGGA
AGGGATGTCCGGCGGCCGGTGGCGTCTCCAGCTTACCATCCAGTCCATCCTGGGCGGGGCCCTCCGA
GGCACCGCGGAGCCCGCGGGTGGCCAGCCAGGAAACGCAGCCTGTCTGTGTCTCGGAGGAGGAGGAG
CCGGAGGAAGGTTGGAAGGCTCCGGCTTCTTCTGCCAGATCCGCACGGCCCAAGGAGCCAAGCCCTA
AGCACCATACCCCATCCCTTTCCCTTGCCTGGGTACCCCAAGGGCAGCGGAGGCGCAGGGCCTGCGGC
CTCGGAGCGCACGCCATTCTTTCTCCTTCTCACCCGACTTTAAGGAAGAGAAGGAGAGGCTTTTGCCG
GCGGGCTCGCCTTCTCCGGGCCCGAGCGGCCACGGGACGGCGGTGCGGAGCGCCAAACCGAGCGGCCA
AGAAGAAGACGCGCACCGTCTTCTCCCGCAGCCAAGTGTACCAGCTCGAGTCTACCTTCGACATGAAACG
CTACCTGAGCAGCTCGGAGCGCGCTTGCCTCGCCTCCAGCCTGCAGCTCACCGAGACCCAGGTTAAGACT
TGGTTCAGAAATCGCCGCAACAAGTGAAGCGGCAGCTCTCAGCCGAGCTTGAGGCAGCCAACATGGCAC
ACGCGTCCGGCGCAGACTCTCGTGGGCATGCCGCTCGTGTTCGGGACAGTTCGCTGCTGCGAGTGCCGGT
GCCGCGCTCTCTGGCCTTCCCGGCTCCGCTTATTACCCGAGCAGCAATCTCTCGGCCTTACCGCTTAC
AACCTGTACAACAAGCTTACTACTGACATGCTCGCCCGCGGCTCCCGGAGCGCCCTGGTTCGCTGCA
GCTGCCTGCATAGCCCGGCGGGTGGGATCCTTCGCAGAGCTCCGGAGCAGAGCGGCGCGTGTCCAGAA
ATATTAAGAAATACACCATGTGTATTTCGTTAAAAAAAAAAAAAAAAAAAA
  
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Restriction Sites: RsrII-NotI

ACCN: NM_145998

Insert Size: 822 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).



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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>BC023402</u> , <u>AAH23402</u>
RefSeq Size:	1096 bp
RefSeq ORF:	822 bp
Locus ID:	15372
UniProt ID:	<u>P43687</u>
Cytogenetics:	7 74.34 cM
Gene Summary:	Transcription factor involved in specification of neuronal cell types and which is required for inner ear and hypothalamus development.[UniProtKB/Swiss-Prot Function]