

## Product datasheet for RN207268

### Hmx3 (NM\_001106302) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Hmx3 (NM\_001106302) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Hmx3  
 Synonyms: RGD1559927  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Fully Sequenced ORF: >RN207268 representing NM\_001106302  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCGGAGCCCGGGCCGGACGCCTCGGGCACTGCCAGCGCGCCGCCCGCAGCCTCTCCCCAGCCTC  
 CCGCGCCCAAGGAATCCCGTTCTCCATCAGGAACCTGCTCAACGGAGACCATCACCGCCGCCCGCCGAA  
 GCCACAGCGCCCGCCACGAACGCTCTTTGCGCCGGCCTCGGCCCGCCGCTGCGGCCGCCGCTGCCGC  
 GCCGCAGCCAAAGGTGCCCTGGAGGGTCCCGCGGGCTTCGCGCTCTCGCAGGTGGGAGACCTGGCCTTC  
 CCCGCTTTGAGATCCCAGCGCAGAGTTTGCATTGCCCGCGCACTACCTGGAGCGCTCCCGGCCCTGGT  
 GTACCCCTACACCCTGACCCCGCCGGCGCCACCTCCCGGACCAAGCCTCTGAGAAGGCCCTCCTG  
 CGCGATTCTCCCTGCGTCCGGCACAGACCGCGACTCCCGGACCTCTGCTCAAGGCTGACCCCGACC  
 ACAAGGAGCTGGACTCCAAGAGCCCGGACGAGATCATTCTGGAAGAGAGCGACTCGGAGGAAGGCAAAA  
 AGAAGGCGAGGCGGTGCCTGGCGCGCCGGGACGACAGTAGGGGCGACTGCGGCGACACCGGGCTCAGAG  
 GACTGGAAGGCGGGCGCCGACAGTCCCAGAGAAGAAGCCGGCGTCCCGCAAAAAGAAGACGCGCACCGTCT  
 TCTCCCGCAGCCAGGTCTTCCAGCTCGAGTCCACCTTCGACATGAAGCGTACCTGAGCAGCTCGGAGCG  
 CGCCGGCCTGGCCGCGTCCGTTACCTCACCGAGACGCAAGTCAAGATCTGGTTCCAGAATCGCCGCAAC  
 AAGTGGAAAGCGACAGCTGGCGCGGAGCTGGAGGCGGCCAACCTGAGCCACGCGCTGCGCAGCGCATCG  
 TGCGCGTGCCCATCCTCTACCACGAGAACTCTGCGGCCGAGGGGGCGGCCGCGCCGAGGGGCCCGGT  
 GCCGGTACGCCAGCCGCTGCTCACCTTCCCGCACCTGTCTACTACTCGCACCCGGTGGTCTCGTCTGTG  
 CCGCTGCTACGGCCGGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_001106302
<b>Insert Size:</b>	1071 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001106302.1</a></u> , <u><a href="#">NP_001099772.1</a></u>
<b>RefSeq Size:</b>	1362 bp
<b>RefSeq ORF:</b>	1071 bp
<b>Locus ID:</b>	293537
<b>Cytogenetics:</b>	1q41