

## Product datasheet for MR205891

### Nme7 (BC038021) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nme7 (BC038021) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nme7
Synonyms:	Nm23-M7, Nm23-r7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR205891 representing BC038021 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGACAAATCAGAGCGAGAGATTTCGCTTTCATTGCAGAGTGGTATGATCCAAATGCTTCATTGCTCC  
GACGCTATGAGCTGCTGTTTTACCCACAGACGGATCTGTTGAAATGCATGATGTAAGAATCGTCGCAC  
CTTCTTAAAGCGACCAAGTATGAGGACCTGCGCCTGGAAGATCTATTTATAGGCAACAAAGTCAATGTG  
TTTTCTCGACAGCTGGTGTGATTGACTATGGGGACCAATACACAGCCCGCCAGCTGGGCAGCAGGAAAG  
AGAAAACCTTTAGCCCTGATCAAACAGATGCAGTGTCAAAGGCCGAGAAATCATTGAGATGATAACAA  
AAGTGGATTTACTATAACCAAATCCGAATGATGACTCTGACAAGGAAAGAAGCAGCGGACTTTTCATGTA  
GACCATCACTCAAGGCCTTTTTATAACGAACTGATCCAGTTTATCACAAGTGGGCCTGTTATTGCCATGG  
AGATCTTAAGAGATGACGCGATCTGTGAGTGGAAAAGTTGCTTGGACCCGAAACTCTGGGCTATCACG  
GACAGATGCCCCCGGAAGCATCCGAGCCCTCTTGGGACAGATGGCGTGAGAAATGCAGCTCACAGCCCT  
GATACTTTTGCATCTGCTGCCAGAGAAATGGAATTGTTTTTCTTCAAGTGGAGGCTGTGGGCCAGCGA  
ACACTGCTAAATTTACCAATTGCACCTGTGCATCATTAAAGCCTCATGCTATCAGTGAAGGAATGTTGGG  
AAAGATTTTAATAGCTATTCGGGATGCATGCTTTGGAATGTCAGCGATACAGATGTTCAATTTGGATCGG  
GCTAATGTTGAAGAATTCTATGAAGTCTATAAAGGTGTAGTGTCTGAGTATAATGATATGGTGACAGAGC  
TGTGCTCCGGCCCTTGCCTAGCAATAGAGATCCAACAGAGCAACCCTACAAGACATTTTCGAGAATTCCTG  
CGGACCTGCTGATCCTGAAATCGCCCGCATTTACGACCTGAGACCCTCAGGGCAATTTTGGTAAACT  
AAGGTTCAAAATGCTGTTTCATTGCACGGATCTGCCGGAGGATGGGCTCCTGGAGGTCCAGTATTTCTTCA  
AGATCTTGGATAAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR205891 representing BC038021  
 Red=Cloning site Green=Tags(s)

MKTNQSERFAFIAEWYDPNASLLRRYELLFYPTDGSVEMHDVKNRRTFLKRTKYEDLRLEDLFIGNKVV  
 FSRQLVLIDYGDQYARQLGSRKEKTLALIKPDAVSKAGEIEMINKSGFTITKLRMMTLTRKEAADFHV  
 DHHSRPFYNELIQFITSGPVIAMEILRDDAICEWKRLGLPANSGLSRTDAPGSIRALFGTDGVRNAAHSP  
 DTFASAAREMELFFPSSGGCGPANTAKFTNCTCCIIPKPHASEGMLGKILIAIRDACFGMSAIQMFNLDR  
 ANVEEFYEYKGVVSEYNDMVELCSGCPVAIEIQSNPTKTFREFCGPADPEIARHLRPETLRAIFGKT  
 KVQNAVHCTDLPEDGLLEVQYFFKILDN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

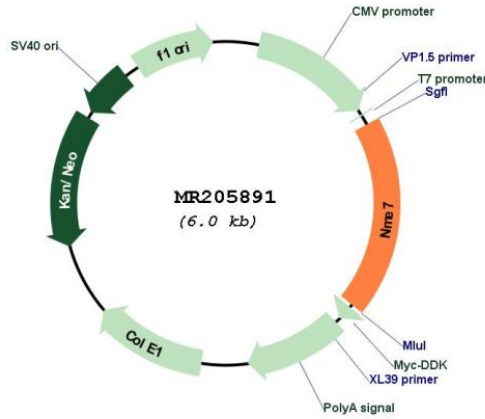
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** BC038021

<b>ORF Size:</b>	1134 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">BC038021.1</a>
<b>RefSeq Size:</b>	1780 bp
<b>RefSeq ORF:</b>	1136 bp
<b>Locus ID:</b>	171567
<b>Cytogenetics:</b>	1 H2.2
<b>MW:</b>	65.2 kDa