

## Product datasheet for **MG206172**

### Nme7 (BC049225) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nme7 (BC049225) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Nme7
Synonyms:	Nm23-M7, Nm23-r7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206172 representing BC049225 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGAGCCTGTCAGCAGGGAAGAAGTTCAGTTGGTTTCTCCATATATGGCACCAAGAATCAGAGCG  
AGAGATTCGTTTCATTGCAGAGTGGTATGATCCAAATGCTTCATTGCTCCGACGCTATGAGCTGCTGTT  
TTACCCACAGACGGATCTGTTGAAATGCATGATGTAAGAATCGTCGCACCTTCTAAAGCGGACCAAG  
TATGAGGACCTGCGCCTGGAAGATCTATTTATAGGCAACAAAGTCAATGTGTTTTCTCGACAGCTGGTGT  
TGATTGACTATGGGGACCAATACACAGCCCGCCAGCTGGGCAGCAGGAAAGAGAAAACCTTAGCCCTGAT  
CAAACCAGATGCAGTGTCAAAGCCGGAGAAATCATTGAGATGATAAACAAAAGTGGATTTACTATAACC  
AAACTCCGAATGATGACTCTGACAAGGAAAGAAGCAGCGGACTTTTCATGTAGACCATCACTCAAGGCCTT  
TTTATAACGAAGTATCCAGTTTATCACAAAGTGGCCTGTTATTGCCATGGAGATCTTAAGAGATGACGC  
GATCTGTGAGTGGAAAAGGTTGCTTGGACCCGAAACTCTGGGCTATCACGGACAGATGCCCCGGGAAGC  
ATCCGAGCCCTTTTGGACAGATGGCGTGAGAAATGCAGCTCACAGCCCTGATACTTTTGCATCTGCTG  
CCAGAGAAATGGAATTGTTTTTCTTCAAGTGGAGGCTGTGGCCAGCGAACACTGCTAAATTTACCAA  
TTGCACCTGTTGCATCATTAAAGCCTCATGCTATCAGTGAAGGAATGTTGGGAAAGATTTAATAGCTATT  
CGGGATGCATGCTTTGGAATGTCAGCGATACAGATGTTCAATTTGGATCGGGTTAATGTAAGAATTCT  
ATGAAGTCTATAAAGGTGAGTGTCTGAGTATAATGATATGGTGACAGAGCTGTGCTCCGGCCCTTGCGT  
AGCAATAGAGATCCAACAGAGCAACCCTACAAAGACATTTTCGAGAATTCTGCGGACCTGCTGATCTGAA  
ATCGCCCGGCATTTACGACCTGAGACCCTCAGGGCAATTTTGGTAAAACCTAAGGTTCAAATGCTGTTCC  
ATTGCACGGATCTGCCGGAGGATGGGCTCCTGGAGGTCCAGTATTTCTTCAAGATCTTGGATAAT

**ACGGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

**Protein Sequence:** >MG206172 representing BC049225  
 Red=Cloning site Green=Tags(s)

MRACQQGRSSSLVSPYMAPKNQSERFAFIAEWYDPNASLLRRYELLFYPTDGSVEMHDVKNRRTFLKRTK  
 YEDLRLEDLFIGNKVNVFSRQLVLIDYGDQYTRQLGSRKEKTLALIKPDAVSKAGEIIEINKSGFTIT  
 KLRMMTLTRKEAADFHVDHHSRPFYNELIQFITSGPVIAMEILRDDAICEWKRLLGANSGLSRTDAPGS  
 IRALFGTDGVRNAAHSPDTFASAAREMELFFPSSGGCGPANTAKFTNCTCCIIPHAISEGMLGKILIAI  
 RDACFGMSAIQMFNLDNRVNVVEEFYEVYKGVVSEYNDMVTCLCSGPCVAIEIQQSNPTKTFREFCGPADPE  
 IARHLRPETLRAIFGKTKVQNAVHCTDLDPEDGLLEVQYFFKILDN

TRTRPLE - GFP Tag - V

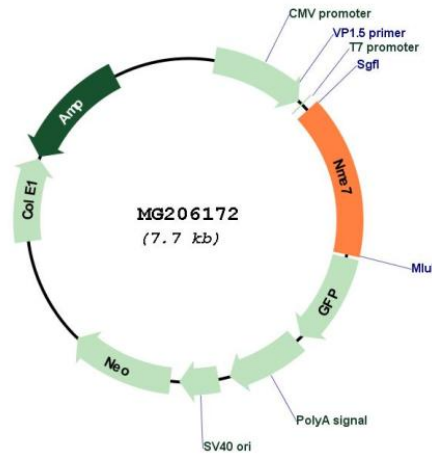
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

BC049225

<b>ORF Size:</b>	1187 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="#">BC049225</a> , <a href="#">AAH49225</a>
<b>RefSeq Size:</b>	1682 bp
<b>RefSeq ORF:</b>	1187 bp
<b>Locus ID:</b>	171567
<b>Cytogenetics:</b>	1 H2.2