

## Product datasheet for MC218493

### 6720463M24Rik (BC052183) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** 6720463M24Rik (BC052183) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** 6720463M24Rik  
**Synonyms:** 6720463M24Rik; AI317232  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >BC052183  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGAGATGTCAGCGAATTAATAATGCAATAACACCAGAACTCCAGGAAGGATCCCTGTTTTAAATC  
 CCTTTGAAAGTCCAGTGATTATTCTAATCTCCATGAACAAACCCTTGCTAGTCTTCTATCTTTAAGTC  
 CACAAAACCTACCAACTCCAGGGAATTTAGGTGGTCTATTGATCAGCTGGCCATAATAAACCTGTAGAG  
 ATCGATCCAGAGGAGATCCATCGGCAGGCTTCTACCTAAGGCTTTCTCGAATAGATAAAGATGTGGAA  
 AAAAAAGCAAAAAGCCATTGAAGAGTTTTTACTAAAGATGTCATTGTGCCCTCTCCCTGGACTGATCA  
 TGATGGAAAACAGCCTTCAGAGCTTCATCCAGTAAATGCCTAAGTAGCCATGATGACTCTCCTGATGGG  
 AAAAAGCCAAGTCTTCCCTCACAGAAGTCAACGCTGCCTGCCAGACTCTGCTGTCTTCTCCTGTGGATT  
 TTAATTTGGAAGCCATATTAGGAGACTATTTTAGAGAAGAGGACTTTGTGGCCACACTCCTGGAACTT  
 CAGTCTTCTCATCTCTGAGAAGAAAGCTCTTTTGGATGGGAATGGAAGCATCTGTGACCCCTTGCCTTCG  
 CCGTCGCCCCGGAAGTCTCCCTGCAGTGCCCGGGGTGCTCGAGGGACAGTTTTCTTCCAGCCCCATTC  
 AGAACAGTGTGAAAAATACAGCTTGGGAAGCGTCACCACGAGCCCGTCGGCCATCTCTCACCTACCTT  
 CTCACCTATCGCACTTCAAGGAGGAAAGACGCCGCTCTCAGGTCAAATCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** BC052183  
**Insert Size:** 822 bp



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<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>	<a href="#">BC052183</a> , <a href="#">AAH52183</a>
<b>RefSeq Size:</b>	3866 bp
<b>RefSeq ORF:</b>	821 bp
<b>Locus ID:</b>	77744
<b>Cytogenetics:</b>	14 E2.2
<b>Gene Summary:</b>	Required for the activation of AURKA at the onset of mitosis.[UniProtKB/Swiss-Prot Function]