

## Product datasheet for **MR205826**

### 1700001O22Rik (NM\_198000) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	1700001O22Rik (NM_198000) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	1700001O22Rik
Synonyms:	1700113K14Rik; 4930549G18Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR205826 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTTCCGGCGCCAGTCCATGGAGGGGACCCCGGCTACAAGCCAAGGGATATCCCGACGGGACCACC  
AGCGCCCGCTGTTAAGCGGCTGCCGATGCTGCTGCAATGCTCGAAGGCCGTGTGGGGCGAGATGTAGA  
CGGCGCGTGGCGCGGGACCGCAAGTCCCAGCGCCTGCCTTGCGGGTCCCCGAGTCCCCGAACGCTCGG  
CGAGACCGTGGGACCGCGCGCCTGCTACTGCCGTGCTGCAGCCGAGCAGCTCGGCCCGGGAGGCGG  
GAACTCGGGGAACCGGCAGCCTGCAGCCCGGACAACCTGACTCCCTGGGCACGCTGCTGGGGAAGCT  
GCTGCCAACAAGTTCGCCACTTCTGCACCCTGAGCGCCGAGAGCGCAGACCCAGAGGCGGACTCA  
CGCTGCCCGCCACATAACCCTAGGAGTACATCAAATCACTGCCTAGCTTCTCGGTCTTCCGGGTGCTTAT  
TCCTCCAGACCTGTGGGACAAACCATTGCACTGCGCCAACAATTTAAAGAGAAGACTACCCTGGGGCT  
CCCAAGAGGTGAAGTGGCAGAGCCAAAAGGCCATCCCCCGCTGGAGAAGGCTCAAGACCCCGAAAA  
CGCTATTGTCCCTTCCGGTACGATTGCGAGACGAGACCCTGCAGGACACAGACTCCGGTACTGGGAAC  
GCAACCGTGCAGTCCGGCAGAATATCTTCCGAGTGAGCAGACGGCTTTGCCAGTGTATCTGTGTCAGA  
ACGGGTGCTCGGGAGTGTGGGAGATGTTGGACAGTCTGCCAGAGCCCTTTATCCAGGGTCCAAGAC  
ACTGTGGCCGGCTCCTCATTCTGGACCTGCCCGCGTGTGAGCTCAGGAACCTCAGCTCTACCTTTCTG  
AGGACTCCTCCGTGAGCAGCCACCTACCCTTCTCCAGGGCCACCATCCCAAGGCCACGGGGAGGCT  
CAGAACCTTCTGGACCCCTAACAATGTGGATCAGGAATCCTTTCTGCCAGTTTGGTGTGAGTCT  
GTCCTGAAGCAAGGCCCTAAGGGCTACCAGCTGCTCCTGCCGTCACCACAAACCGGCAGCAGGCTC  
ACAGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

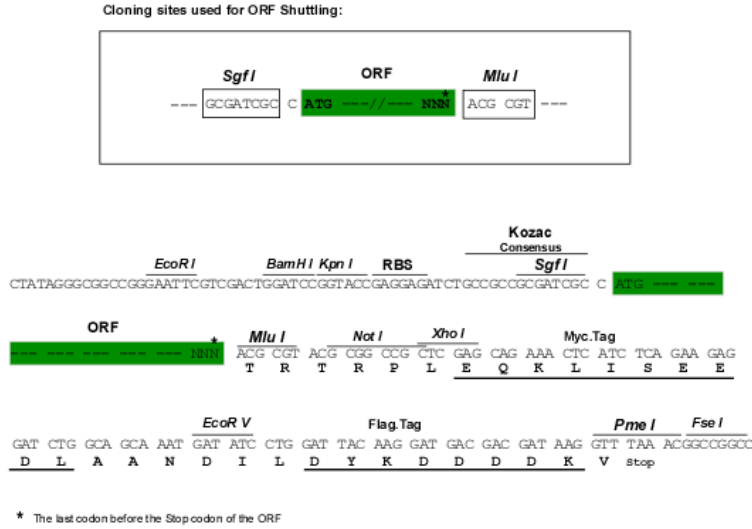
Protein Sequence: >MR205826 protein sequence  
 Red=Cloning site Green=Tags(s)

MFRRQSMEGTPAYKPKGYPDGTTQRRPVKRLPMLLPMLEGRVGRDVGAWRRDRKSQRLPCGSPESP  
 RDRGTARALLPSLQPSSAREAGTRGNRQPAARDNPDSLGTLLGKLLPNKFRHFLHLLSAESADPEAD  
 RCPHPNPRSTSNHCLASRSSGCLFLPDLWDKPLHCANNFKEKTTGLPRGELARAKKAHPPAGEGSR  
 RPKRYCPRFRVFADETLQDTALRYWERNRAVRQNIFFPSEQTALPAVSVSERVLGSGVGRWLD  
 SLPRALYPRVQDTVAGSSFWTCPRVSAQEPQLYLEDSSVSHLPFISRATIPRPRGGLRTFLDTP  
 NNVDQESFLPSLVLQSVLKQGRPKGYQLLLPSTTNRQQAHR

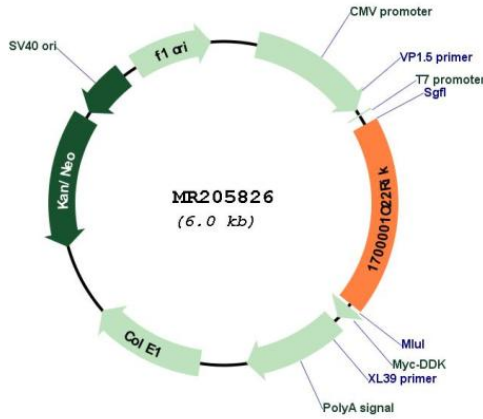
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_198000

<b>ORF Size:</b>	1128 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="#">NM_198000.1</a> , <a href="#">NP_932117.1</a>
<b>RefSeq Size:</b>	1440 bp
<b>RefSeq ORF:</b>	1128 bp
<b>Locus ID:</b>	73598
<b>Cytogenetics:</b>	2 B
<b>MW:</b>	42 kDa