

## Product datasheet for **MR209026**

### **BC062115 (BC062115) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	BC062115 (BC062115) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BC062115
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR209026 representing BC062115  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTATGAAAGAATCTACAATGAAGAGAAAGCCTATGAATGTAATCAATACAGTAAAGCCTTTGTAATT  
 TCCATAGTCTTCCACAACATGCAAAAAATCACCCCTAGAGAACAACCGTATGAATGTAATCACTGTGGTAA  
 AGCCTATGTGAGTCCCAGTTCTCAGATACACAAAAGAAGTCATGTTGGAGAGAAACCTTATGAATGTTCCG  
 AAGTGTGGTAAAGCCTTTGAAAATGACAATCATCTTCAAATCGTAAAAACATCATACTTTGAGAAAAC  
 TCTTTGAGTGTAGTCAATGTGGAAAAGCCTTTGCAAGTCGCAGTTATCTTCCAATACACAGAAGAATTCA  
 TACTGGAGAGAAACCATATGAATGTAATGCGGTAAGCATTACAAGTCGCAGTTATCTCAAATTTCT  
 CATAAAAGTGTTCATACTGGAGAGAAACCGTATGAATGTAATCAGTGTAGTAAAGCCTTTGCAAATTTCT  
 ATAGTCTTCGACAACATGAAAAATACCATACTCGAGAAAAACCTTATGAGTGTAGTCATTGTAGTAAAGC  
 CTTTCCAAGTCCCAGTTCTCTTCAAGTACATGAAAGAACTCATACTGGTGAGAAAACCTATGATTGCACT  
 GAATGTGGTAAAGCATTATAAGTCACAGTTCTCTTCAGATACACAAAAGAGTTCATACTGGAGAGAAAC  
 CATATGAATGTAATGTTGAAAAGCCTTTGTAATCGAAGTTATCTTGAAGTACACAAAAGAATTCA  
 TACTGGAGAGAAACCTATGAATGTAGTCAATGCAGTAAAGCCTTTGCAAATTTCCGTAGTCTTCGACAA  
 CATGAAAAAATCATACTAGAGAAAAACCTATGAGTGTAGTCAGTGCAGTAAAGCCTTTGTAAGTCCTT  
 GTCATCTTCAGATTCACCAAAGAACCATACAGGAGAGAAACCTATGATTGCAGTACTGTGGAAAAGC  
 CTTTACACGGCTCAGTAATCTGCAGGTACACAAAAGAACTCACACGGGACAGAAACCTATTGTTGCAGT  
 CAGTGTGGGAAAGCCTTTCCGTGTTTCAGTAATCTCAAATCCATGAAAGAACTCACACTGGAGAGAAGC  
 CCTATGCATGCAATCAGTGTGGAAAAGCCTTCGCAAGTCGTGCTAGTCTTCAATACCATGAAAAACATCA  
 CACTGGAGAGAAAGCCCTATGGATGTAATCAGTGTGGGAAAAGCCTTTGTAAGTCCCAGTCATCTTCAAATA  
 CACCAAAGAACTCACACGGGTGAGAAAACCTACGAATGTAGTCAGTGTGGGAAAAGCCTTTGCACGTGCA  
 GTAATCTTCAAATCCATGAAAGAAGTCACTGGAGAGAAGCCCTATGACTGTAATCAGTGTGGAAAAGC  
 CTTTCGCAAGTCGTGCTAGTCTTCAATACCATGAAAAACATCACACTGGAGAGAAGCCCTATGGATGTAGT  
 CAGTGTGGTAAAGGCTTTGCACTTCGCAGTCTTCTTCAAGTACATGAAAGAAGCACACTGGAGAGAAGC  
 CACATCAGTGCCTCAGTGCAGTAAAGCCTTTGTAAGTCGTAGTATCTGCAAGTACACAGAAGAGCCCA  
 TCGGGGAGAAAAGCGGTATGAATGCATTAGTGTGGCAAAGCCTTTGTATATCTCACTAGTCTCTGTAGT  
 CACAGAAAATTCTGTGCTGGAGAGAAACCTGTGGCAGTCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR209026 representing BC062115  
 Red=Cloning site Green=Tags(s)

MYERIYNEEKAYECNQYSKAFVNFHSLPQHAKNHPREQPYECNHCGKAYVSPSSQIHKRSHVGEKPYECS  
 KCGKAFENDNHLQNREKHHTLEKLFECSCGKAFASRSYLPiHRRiHTGEKPYECTQCCKAFTSRSYLKI  
 HKSVHTGEKPYECNQCSKAFANFYSLRQHEKYHTREKPYECSHCSKAFSPSSLQVHERHTHTGEKPYDCT  
 ECGKAFISHSSLQIHKRVHTGEKPYECTLCGKAFVNRSYLEVHKRIHTGEKPYECSQCSKAFANFRSLRQ  
 HEKNHTREKPYECSQCSKAFVSPCHLQIHQRHTHTGEKPYDCSDCGKAFTRLNLQVHKRHTHTGQKPYCCS  
 QCGKAFPCFSLNLIHERHTHTGEKPYACNQCGKAFASRASLQYHEKHHTGEKPYGCNQCGKAFVSPSHLQI  
 HQRHTHTGEKPYECSQCGKAFARRSNLQIHERSHTGEKPYDCNQCGKAFASRASLQYHEKHHTGEKPYGCS  
 QCGKGFALRSLQVHERHTHTGEKPHQCTQCGKAFVSRSYLQVHRRAHAGEKRYECIQCGKAFVYLTSLCS  
 HRKFCAGEKPCGSA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** BC062115

**ORF Size:** 1722 bp

**OTI Disclaimer:** 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. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**Components:** 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [BC062115](#)
**RefSeq Size:** 2346 bp

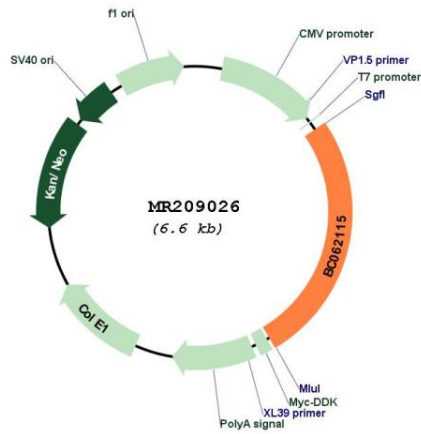
**RefSeq ORF:** 1724 bp

**Locus ID:** 408062

**Cytogenetics:** 10 C1

**MW:** 86 kDa

Product images:



Circular map for MR209026