

Product datasheet for **MR208243**

BC062115 (BC096521) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BC062115 (BC096521) 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:

>MR208243 representing BC096521
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTGGAGAGAAACCTTATGAATGTTCGAAGTGTGGTAAAGCCTTTGAATGACAATCATCTTCAAATC
 GTGAAAAACATCATACTCTTGAGAACTCTTGAGTGTAGTCAATGTGGAAAAGCCTTTGCAAGTCGCAG
 TTATCTTCCAATACACAGAAGAATTCATACTGGAGAGAAACCATATGAATGTAATGCGGTAAGCA
 TTTACAAGTCGCAGTTATCTCAAATTCATAAAAGTGTTCATACTGGAGAGAAACCGTATGAATGTAATC
 AGTGTAGTAAAGCCTTTGCAAATTTCTATAGTCTCGACAACATGAAAAATACCATACTCGAGAAAAAC
 TTATGAGTGTAGTCATTGTAGTAAAGCCTTTCCAAGTCCCAGTCTCTTCAAGTACATGAAAGAATCAT
 ACTGGTGAGAAACCTATGATTGCACTGAATGTGGTAAAGCATTATAAGTCACAGTCTCTTCAGATAC
 ACAAAGAGTTTACTACTGGAGAGAAACCATATGAATGTAATGTAATGCGGTAAGCA
 TTATCTTGAAGTACACAAAAGAATTCATACTGGAGAGAAACCATATGAATGTAATGCGAGTAAAGCC
 TTTGCAAATTTCCGTAGTCTTCCACAACATGAAAAAATCATACTAGAGAAAAACCTATGAGTGTAGTC
 AGTGCAAGTAAAGCCTTTGTAAGTCTTGTATCTTCAAGTTCACCAAAGAACCCATACAGGAGAGAAAC
 CTATGATTGCACTGACTGTGAAAAGCCTTTACACGGCTCAGTAATCTGCAGGTACACAAAAGAACTCAC
 ACGGGACAGAAACCTATTGTTGCAGTCAGTGTGGGAAAGCCTTTCCGTGTTTCAGTAATCTCCAAATCC
 ATGAAAGAACTCACACTGGAGAGAAGCCCTATGCATGCAATCAGTGTGGGAAAGCCTTCGCAAGTCGTG
 TAGTCTTCAATACCATGAAAAACATCACACTGGAGAGAAGCCCTATGGATGTAATCAGTGTGGGAAAGCC
 TTTGTAAGTCCCAGTCATCTTCAAATACACAAAGAATCACACGGGTGAGAAACCTACGAATGTAGTC
 AGTGTGGGAAAGCCTTTGCACGTGCGCAATCTTCAAATCCATGAAAGAAGTCACTGGAGAGAAGCC
 CTATGACTGTAATCAGTGTGAAAAGCCTTCGCAAGTCGTGCTAGTCTTCAATACCATGAAAAACATCAC
 ACTGGAGAGAAGCCCTATGGATGTAGTCAGTGTGGTAAAGCCTTTGCACTTCGCAGTCTTCTTCAAGTAC
 ATGAAAGAACGCACACTGGAGAGAAGCCACATCAGTGCCTCAGTGCAGTAAAGCCTTTGTAAGTGTAG
 TTATCTGCAAGTACACAGAAGAGCCCATGCGGGAGAAAAGCGGTATGAATGCATTAGTGTGGCAAAGCC
 TTTGTATATCTCACTAGTCTCTGTAGTCACAGAAAATTCTGTGCTGGAGAGAAACCTGTGGCAGTGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208243 representing BC096521
 Red=Cloning site Green=Tags(s)

MLERNLMNVRVSVKPLNDNHLQNRKHHLEKLFECSSQCGKAFASRSYLPVHRIHTGKPYECTQCGKA
 FTSRSYLKIHKSVHTGKPYECNQCSKAFANFYSLRQHEKYHTREKPYECSHCSKAFPSSSLQVHERTH
 TGEKPYDCTECGKAFISHSSLQIHKRVHTGKPYECTLCGKAFVNRSYLEVHKRIHTGKPYECSQCSKA
 FANFRSLRQHEKNHTREKPYECSQCSKAFVSPCHLQIHQRTHHTGKPYDCSDCGKAFTRLNQLVHKRTH
 TGQKPYCCSQCGKAFPCFNLQIHERHTHTGKPYACNQCGKAFASRASLQYHEKHHTGKPYGCNQCGKA
 FVSPSHLQIHQRTHHTGKPYECSQCGKAFARRSNLQIHERSHTGKPYDCNQCGKAFASRASLQYHEKHH
 TGEKPYGCSQCGKAFALRSLQVHERHTHTGKPHQCTQCGKAFVRSYLVHRRHAHAGEKRYECIQCGKA
 FVYLTSLCSHRKFCAGEKPCGSA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC096521

ORF Size: 1539 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: [BC096521](#)
RefSeq Size: 2112 bp

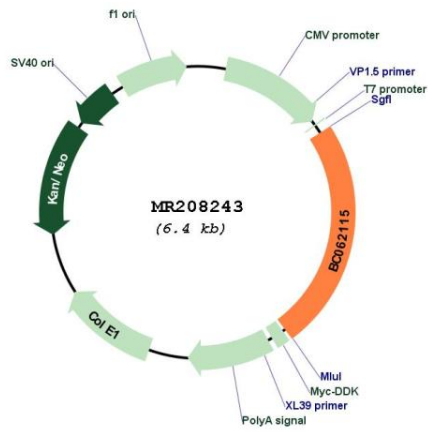
RefSeq ORF: 1541 bp

Locus ID: 408062

Cytogenetics: 10 C1

MW: 77.4 kDa

Product images:



Circular map for MR208243