

Product datasheet for **MG205624**

9930012K11Rik (BC080738) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	9930012K11Rik (BC080738) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	9930012K11Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205624 representing BC080738 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGAGCCGGCGCCGCGTCTTTGCGGTGGAGCGACTTGGCGGCCGGGATGGGGCCTTTGAGGACCTGG
CACAAGGCTGTGTGGTGCCAGGAGTCACTTGCACCTACAGACGGATACCAGACAACACTCACGAATGTTC
ACTGGACTTCAGGGAGGGACAGAATGAGCTGAGAGGTCTGGAGAGACAGATGCCACTTCTGAACTGGCT
TCCCAGGACTCGGCATGGAGATGGTTGTTGGGACAGCTCCTTGCTACCTTATCAGGACGTTCTCAAG
ATTCTCTGAACCTTGAGCCCATGGGGAGCCCTGAGCTGCCTCCTGCTCAGCTAGACCGGCTGCTGGCCAG
ACAGAAGCTGGAGAGGTGCTGGAGAGATCTCGAGAGTTTCCAGCTTGTCTGCGCAGCGTGGCCCCCTG
CAACTGCTGAACAAGCCTGTAGATGGAGTGCCATCTTTGCAGGAGAACAGGAGTCCACGGAGGCAGACA
CTGAGCTAGAGGCTGGTCTGGAAGAAGCAAAGGAGGTTGGTAATATGGAGTCTGCAGCCTGTACCTGCCT
TCCAGGTCAGGGCTTGCCTATCTGGAACACCTGTGCCTTGTGCTGGAGCAGATGGTGAGGCTCCAGCAG
CTGTACCTGCAGCTGCAGACCCAGAGACCCTCTAGGGATCCTGAGGAGGAAGTATTGGCTCCAGCTCTTT
CATCATCACATATCCCAGACAATAGGGTCCAGGAGCACAGAGAGGAGCTAAGCCAGACAAGGACCCAGA
AGGTGCAGAGGCAGCTTCACTTCCAGAAGTGGGGTGCTTGTACCAGCCCTCTAGGCTGCCAGAGGCC
TTGCTGGAACCAACCCACGTCCATCCACCCTCCAGGAACCAAGCAGGATCTCTCCACTGGGATAAGG
TCAAAGTTCTGCTCAATCGGCTCCGTTGGAGGAGCCCTCGACTTCTGAGCCTCCTGTTCCCTCTGATGG
TTCTGGATCCAGGATGGAGTTTAGAAACCTCTCTGACAGGACTCCGTGCCATTCCCAACGGAAGACCTTT
ATACCAGCATTGGTGGTTAAGAAGCCACAGCAAAAAATCTTTCTGTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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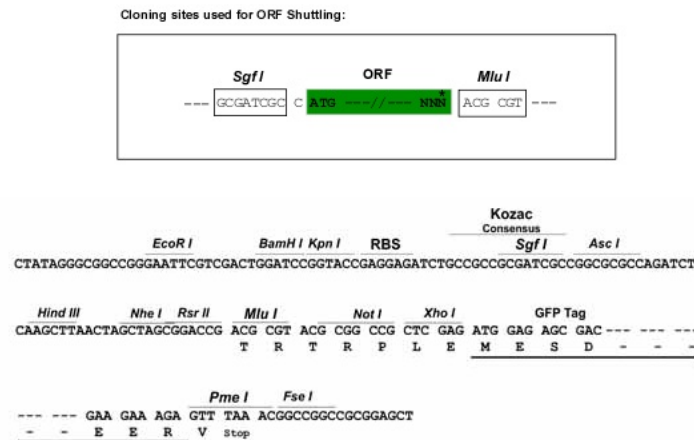
Protein Sequence: >MG205624 representing BC080738
 Red=Cloning site Green=Tags(s)

MLSRRRVFAVERLGGRDGAFFDLAQGCVPVGTCTYRRIPDNTHCSLDFREGQNELRGLERQMPLLKLA
 SQDSGMEMVVGSSSLATLSGRSQDSLNLPEMGSPPELPPAQLDRLLARQKLEEVLSREFPSLSAQRGPL
 QLLNKPVDGVPIFAGEQESTADTELEAGLEEAKVGNMESAACCLPGQGLRYLEHLCLVLEQMVRLQQ
 LYLQLQTQRPSPDPEEEVLAPALSSSHIPDNRVQEHREELSQTQDPEGAEEASLPEVGVLTSPSRLPEA
 LLEPTHVHPPSQEPKQDLSHWDKVKVLLNRLRWRSPRLPEPPVPPDGSGSRMEFRNLSDRTPCHSQRKTF
 IPALVVKKPRAKNLSV

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC080738

ORF Size: 1098 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC080738](#), [AAH80738](#)

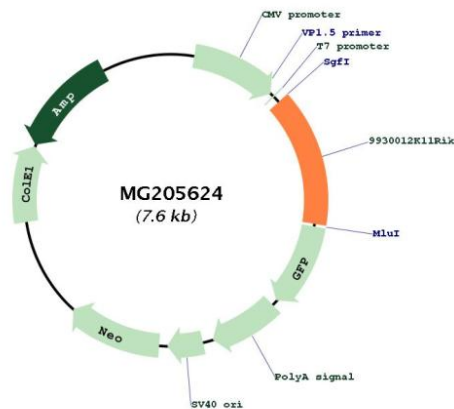
RefSeq Size: 1984 bp

RefSeq ORF: 1100 bp

Locus ID: 268759

Cytogenetics: 14 D2

Product images:



Circular map for MG205624