

Product datasheet for **MG211255**

1200016B10Rik (BC060204) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	1200016B10Rik (BC060204) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	1200016B10Rik
Synonyms:	1200016B10Rik; C1orf26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG211255 representing BC060204
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTGCTTTGTACTACCAAGCTTGAGACTGTTTATGACCATAAGTTTCTAAAGATGTCTA
 TCAAAGAATCTTGTGCAAGGAAGAAAAGTCTCAGAAAAACAGACTATCTCTTACCAACTTTTAAATGA
 AGACAAGAAAAAGGGAGAAATCTCAGCAGGTTCTACTAGTTCAGAACATGGCGTTCAGCCTGTTTCAACC
 AAGAAGAGAAAAGTAAAGCAGATGATACAGACAATGTATACTATAATGCAAAACAGAAAAACAGTAAAA
 GATTGAATGTAGAAGTTTTCATTCTAAAAAGAGACTAAAATTCAGTTCTTCGACCCAAGCGGTATCATA
 TTTAAATAATAATCAAATGACTTCACACAGTTGTTTCATCAAATGGAAGTAAAGATACTAAAGTTAAAGAT
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 GATGAAAGAACTCAAGAAAGAAAAAATAATAAGACAGTTCTGAAGAATTGGAGAAATGCAAGAAAAAT
 CACCTTCTCAGAAATATAATTTAGCAATATGATCAAGGAATCATTTGAATCAGGAAGAAAAGAAGATTA
 GCTTCAAAATTCAAAAAATCCTCTACTACCTCCAGAAGCTTGTGCAAGAAAAGATCTTTACTATAGA
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 ATGAGGTAACAAAAATGTCAAATTCAGTCCCGGGAACTTTATGATTGTGTTTCTCAGACTGAGTACCG
 GGAAAGATTAACCATGGATGCCCGCAGCTGATTGAGATGGAATGCACCATGCAGCAGTGCAGTGCATCT
 GTCTATATGGAGGCCAGAAGCAGAGGGTGGTGTGAAGACATGCTCAACAACAGGCTTAAGTTTACAGCAG
 GAACAGCATCTCTGTCTTCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG211255 representing BC060204
 Red=Cloning site Green=Tags(s)

MLLCTTSAHKLETVYDHFLLKMSIKESCAKEEKSQKKQTISSPTFNEDKKKGEISAGSTSSEHGVPVST
 KKRKLLKADDDNYYNANRKNKRLNVEVFIKKRLLKFSSTQAVSYLNNQMTSHSCSSNGTKDITKVKD
 CKLTNIGSKLNYEIKNHSRIKITKDMKSKPVDQTKKWNPSLLIQKMKELKKEKNNKDSSELEKCKKN
 HLPQNYNFSNMIKESFESGRKKISFKIPKKSSTTLQKLVEEKIFTIDSSKSKSQEELQHLQSHQMSLNL
 ARHKTENSFSDSTHKQSVCEIRKDHCEHQGTSSSDSKENHAQSFETPCSSVSSDQDADEEMQIVEEL
 HAARVGRSVDLPVPPSGELMSMEIDLVEDAHPAAHTASDTKLLIVMDTNVLMNHLKFKVILKTTEIP
 GFDTLVLIIIPWVVIQELDRMKAGKLLKHVQHKAVPAIHFINNSLKSQDRKLWGQSLQLASQKLYGLSDEN
 NDDRVLKCCQLYQQLFPCSLVILCTDDRNLRTKGLISGVKLSKEDLDTEILNLTLNTDLCHQPCISKQQ
 LNAEVPPAKETPKEGAANSGLSILLERIICDLEKCLGTALSSILETEMKIAFNLWMEVLYLKPPWTLIN
 LLQCFKKHVLAVFGLVMENLLVTVESLYENLCKANKAVDFTTVKFLQDQSKSLLHAFSTRSNYDGLVLPQ
 TFAQVNLKLLQVLAEVKTKLKPSSSESTRSKEQEDTSLVKLHNQDVNVFLDSNLPQATRHQEIWSVLESVW
 MSIQNSISVVISDVTVFNLVAVSIYQNSTDFVQTLDSSTLTTSKIASFEEAFVYLQKLMVAVKDILEG
 IQRILAPNSNYQDVETLYNFLIKYEVNKNVKTARELYDCVSYQTEYRRLTIGCRQLIEMECTMQQCSAS
 VYMEARSRGWCDMLNRLKFTAGTASLSS

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: BC060204

ORF Size: 2820 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: [BC060204.1](#)

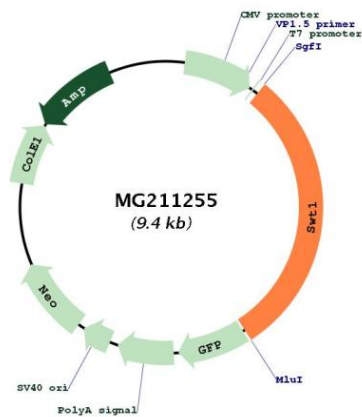
RefSeq Size: 3008 bp

RefSeq ORF: 2822 bp

Locus ID: 66875

Cytogenetics: 1 G1

Product images:



Circular map for MG211255