

Product datasheet for **MG203822**

6030446N20Rik (BC094382) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 6030446N20Rik (BC094382) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: 6030446N20Rik
Synonyms: 6030446N20Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG203822 representing BC094382
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAACGTGAGGCGGTCCCTGCTCGGCCTCACCTTCTGCACCTGTTACCTGGCTTCTCACCTACCAACA
AGTATGTCCTGTCTGCCTGAAATTTACCTACCCTACATTATTCCAAGGGTGGCAGACATTCATTGGTGG
ACTTTTGCTTCATATGTCATGAAACTAGGATGGGTGGAGCTCCACAGCAGTCCAAGATCTGATGTTTTG
ATATGGCTTCTGCTTCAGCGCTGTTTGTGGGCATAATCTATGCGGGTCCAAGCTTTGTCTAGACTGG
CTGTTCTGTGTTTTTCATTTTGCATAATGTAGCTGAAGTTCTCACCTGTGGGTACCAGAAGTGTGTCTG
GAAAGAGAAAACATCGCTCTCAAAGATCTGTAGTGCCCTCTTCTCTTGGCTGCTGCAGGGTGCCTTCCC
TTCCAAGACTCTCAGTTTGATCCAGATGGATATTTTTGGGCTCTTATCCACATCTTTTGTGTAGGTTCTT
ACAAAATACTTCGGAAGTCCCAGGAGCCCACTGTGCTAAGTGACATTGACCAGCAGTACTTAAACTATAT
ATTCAGCATGGTACTCCTGGCATTTCATCTCATCCGACAGGTGACCTCTTCGGTGCCTGGACTTTCCA
TTCTTGTATTTCTACAGGTTCCATGGCAGCTGCTGTGCCAGTGGAGTTTGGGATTCTTCTCATGCTCA
GTACAGTCAGGCTGAGAAGCATCCTGGCCCCAGGGCAGTGGCAGCCTGGATCCTCTGTGCTAAGGTCGT
CACAGCTGGCTTGTGATGTTGCTGTTTGTATATGGCCCGACCAAGCAACTGTGGGATGGTGCCAGCCT
GCAGGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203822 representing BC094382
 Red=Cloning site Green=Tags(s)

MNVRRSLLGLTFCTCYLASHLTNKYVLSVLKFTYPTLFQGWQTFIGLLHMSWKLGWVELHSSPRSDVL
 IWL PASALFVGI IYAGSKALSRLAVPVFFILHNVAEVLTCGYQKCVWKEKTSLSKICSAFLAAAGCLP
 FQDSQFDPDGYFWALIHIFCVGSYKILRKSRKPTVLSIDIDQOYLNYIFSMVLLAFASHPTGDLFGALDFP
 FLYFYRFHGSCCASGVLGFFLMLSTVRLRSILAPGQCAAWILCAKVVVTAGLSMLLFDMALTKATVGVWCQP
 AG

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC094382

ORF Size: 848 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: [BC094382](#), [AAH94382](#)

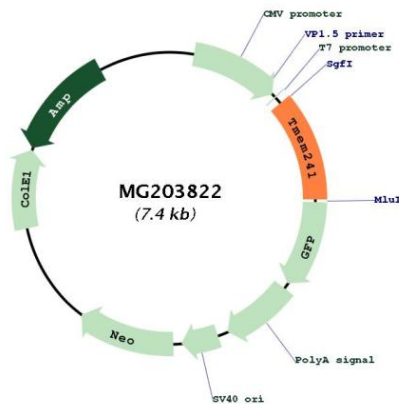
RefSeq Size: 2552 bp

RefSeq ORF: 848 bp

Locus ID: 338363

Cytogenetics: 18 A1

Product images:



Circular map for MG203822