

Product datasheet for **MG203814**

Nsl1 (BC029086) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Nsl1 (BC029086) Mouse Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | Nsl1 |
| Synonyms: | 4833432M17Rik; AI451597; Gm105; Gm984 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >MG203814 representing BC029086 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCTGTCTCTGAAACAGTGCTCGTCTCCGCCCGCAGGACCACGATGCCAGGCCGCTCAGACC
CTCAGGCCACGGCAGCAGACTCTCCCCTAGAGGACTTCCGAGTGCCTGCACCTTGAAGAGGGCGGTGAT
GGAAGTGATGGAGATGTGCGGTCGCTTCGTGCAGGAGCTCGGGCCGTGCTGCCGAGGACGTCCGCGAG
CTCGCGCTGCGGGACGCACAGTGGACATTTGAGTCGGCTGTGCAGGAGAACGTCAGCTTTAACGGACAGG
CCTGGGAGGAAGCTAAAGAGCATGGCTTAATGGATTCTGACATCAAAGTGCTTGAAGATGAATTTGATGA
GCTCATAGTAGATGTGGCAACCAACGGAGGCAGTATCCAGAAGGATCCTTGAGAGTGTATCAAACCC
TTGAAAGCACAGCACGCGAGTCTGAAGCAGTATCACCCCTGTTGTACATCCTCTGGACCTGAAATGTGACC
CTGACCCAGCTTCTCGTGTAGAAGATTTGAAATGCCGCGGAGAAGCCATAGCTAAGGAAATGAGTGAGGC
CATGAAGGCTTTGCCTGTGCTAATTGAACAAGGAGAAGGCTTTTCCAGGTCTTAAAGATGCGACCTGTC
ATCCAGCTACAGAGGATCAACCAGGAAGTCTTCTCCAGCTCTACAGGAAAGCTGACTTCAAGCCTGACA
CATGTGTGACACACGTAGAAACCACACCAGCCGAGACTGGAGCCAGGAAGGCCTCCAACATTGTGCTAAA
GAGAAAGAAAGCCCCAGACTGTGCCAGAGAAAGCGCTACCCGCTGCGGCTGCAGAGAATTAATCTCGAT
ATG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203814 representing BC029086
 Red=Cloning site Green=Tags(s)

MAAVSETVLVSAPQDHDAAASDPQATAADSPLEDFRVRCTLKRAVMEVMEMCGRFVQELGAVLPEDVRE
 LALRDAQWTFESAVQENVSFNGQAWEEAKEHGLMDSDIKVLDEFDELIVDVATKRRQYPRRILESVIKT
 LKAQHASLKQYHPVVHPLDLKCDPDPASRVEDLKCRGEAIKEMSEAMKALPVLIEQEGEF SQVLKMRPV
 IQLQRINQEVFSSLYRKADFKPDTCVTHVETTPAETGARKASNI VLKRRKAPDCAQRKRYPLRLQRINLD
 M

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC029086

ORF Size: 845 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: [BC029086](#), [AAH29086](#)

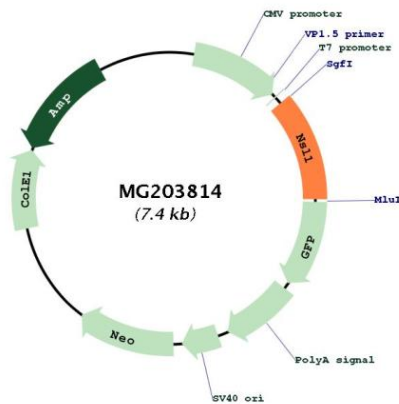
RefSeq Size: 2965 bp

RefSeq ORF: 845 bp

Locus ID: 381318

Cytogenetics: 1 H6

Product images:



Circular map for MG203814