

## Product datasheet for MR203814

### Nsl1 (BC029086) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nsl1 (BC029086) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nsl1
Synonyms:	4833432M17Rik; AI451597; Gm105; Gm984
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203814 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGCTGTCTCTGAAACAGTGCTCGTCTCCGCCCGCAGGACCACGATGCCAGGCCGCTCAGACC  
CTCAGGCCACGGCAGCAGACTCTCCCCTAGAGGACTTCCGAGTGCCTGCACCTTGAAGAGGGCGGTGAT  
GGAAGTGATGGAGATGTGCGGTCGCTTCGTGCAGGAGCTCGGGGCCGTGCTGCCGAGGACGTCCGCGAG  
CTCGCGCTGCGGGACGCACAGTGGACATTTGAGTCGGCTGTGCAGGAGAACGTCAGCTTTAACGGACAGG  
CCTGGGAGGAAGCTAAAGAGCATGGCTTAATGGATTCTGACATCAAAGTGCTTGAAGATGAATTTGATGA  
GCTCATAGTAGATGTGGCAACCAAACGGAGGCAGTATCCAGAAGGATCCTTGAGAGTGTCATCAAACCC  
TTGAAAGCACAGCACGCGAGTCTGAAGCAGTATCACCCCTGTTGTACATCCTCTGGACCTGAAATGTGACC  
CTGACCCAGCTTCTCGTGTAGAAGATTTGAAATGCCGCGGAGAAGCCATAGCTAAGGAAATGAGTGAGGC  
CATGAAGGCTTTGCCTGTGCTAATTGAACAAGGAGAAGGCTTTTCCCAGGTCTTAAAGATGCGACCTGTC  
ATCCAGCTACAGAGGATCAACCAGGAAGTCTTCTCCAGCCTCTACAGGAAAGCTGACTTCAAGCCTGACA  
CATGTGTGACACACGTAGAAACCACACCAGCCGAGACTGGAGCCAGGAAGGCCTCCAACATTGTGCTAAA  
GAGAAAGAAAGCCCCAGACTGTGCCAGAGAAAGCGCTACCCGCTGCGGCTGCAGAGAATTAATCTCGAT  
ATG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR203814 protein sequence  
 Red=Cloning site Green=Tags(s)

MAAVSETVLVSAPQDHDAQAASDPQATAADSPLEDFRVRCTLKRAVMEVMEMCGRFVQELGAVLPEDVRE  
 LALRDAQWTFESAVQENVSFNGQAWEEAKEHGLMDSDIKVLDEFDELIVDVATKRRQYPRRILESVIKT  
 LKAQHASLKQYHPVVHPLDLKCDPDPASRVEDLKCRGEAIKEMSEAMKALPVLIEQGEQFVQLKMRPV  
 IQLQRINQEVFSSLYRKADFKPDTCVTHVETTPAETGARKASNIVLKRRKAPDCAQRKRYPLRLQRINLD  
 M

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** BC029086

**ORF Size:** 843 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

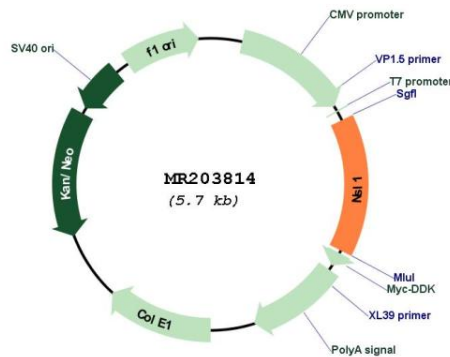
**RefSeq ORF:** 845 bp

**Locus ID:** 381318

**Cytogenetics:** 1 H6

**MW:** 31.7 kDa

### Product images:



Circular map for MR203814