

## Product datasheet for **MC204509**

### **Nvl (NM\_026171) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nvl (NM_026171) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nvl
Synonyms:	1200009I24Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC031847  
 TAACAAGAGGCGCCCGTGC GGGG CAGCAGCATCATGAAGCCTAGACCCGGGGTTTTCTG TAGACAGGAAAC  
 TGAAGCAGCGGGTCATTCAGTACCTCAGTAGTAACAGATGTGGCAAATATGTGGACACTGGAATCTTAGC  
 ATCCGACTTGCAAAGACTGTACAGTGTAGATTATGGTCGAAGAAAAAGAAATGCTTTCAGGATTCAGGTA  
 GAAAAAGTATTTAGCATAATTAGTAGTGAGAAAGAACTTAAGAATCTTAAAGAACTAGAAGATGGACATC  
 TGGCAAAAAGAGCAAGCAAGATGAAGAGGATGAGTACACTGAAAGCTATTCTGATGATTCGAAACAT  
 GGAAGATTACCCAGATCCACAGTCAGCAAATCCCATGAACAGCTCCCTGCCTCTTTGTATCGGAGAGGA  
 AACTCAGAGTCTGTTTCAACCCTCCGAAGTGGGGACAGAGAGAAGCCACCCTTCCACACCATTGCTGA  
 CGTCTAAAACGGGCTCCGTGCCATTGAAGACCCCTGCCCGAGAATCTGAGGGAGGATGGTTTATTGACAA  
 AACTCCCGGTGGAAGAAAGAAAGTCTTCCCTTGACCTATCAGATGACCAAAGCAACTCTAAAAAGCAG  
 GATTCTGAGATTCAGATTTTAAAGACTCTTCTTTTGGAAAGTGATAAGAAAAGGAAAGGTAGGGCAA  
 AGGGCAAAGGAAACAAAAGAAAAACAGAGAATCTTCAAGAAGTAGATGGAGAAATAGAAGCTCTTCTGCA  
 AAAGAAAGCCAAAGCAAGGAGTACAGATTGCAGATTTCCAATGTGAAGTTTGAAGATGTGGAGGCAAT  
 GATGCAACATTAAGAAGTCTGCAAAAATGCTCATACACATGCGCCATCCAGAGGTATACCAGCACCTTG  
 GTGTCGTGCCCTCGTGGAGTTCTCTGCATGGACCACCAGGCTGTGGGAAGACATTACTGCACACGC  
 AATAGCAGGGAACTTGACTTGCCGATTCTGAAAGTGGCTGCTCCAGAGATTGTGTCCGGAGTTTCTGGA  
 GAGTCTGAGCAGAAGCTCCGTGAGTTATTTGACCAGGCTGTGTCAAATGCACCATGTATTGTTTTATTG  
 ATGAAATTGATGCAATTACCCCAAAAAGAGAAGTTGCTTCAAAGATATGGAACGAAGAATTGTAGCCCA  
 GCTTCTAACCTGCATGGATGATCTGAATAACGTGGCAGCTACAGCTCGGGTCTAGTTATTGGAGCTACT  
 AACAGGCCAGACTCATTGGATCTGCTTTGAGACGTGCAGGAAGGTTTGACCGAGAAGTCTGCTTGGGTA  
 TCCCAGATGAGGCAGCCAGAGAAAGAATCTCCAACGTTGTGCCGAAAAGTGGGCTCCGGAAACTTT  
 TAATTTTTGTCACTTAGCACACCTAACACCAGGCTTTGTTGGTGTGATCTGATGGCTCTTTGCCGAGAG  
 GCGGCCATGTGTGCGGTCAATAGGGTCTTGATGAAACAACAGGCGCAGCAGAAGAAAAAGCCTGAGATTG  
 AAGGTTTTGCCCTCTGAAGGAGACCAGGAGAAAAGGCTGGGAGCTGAGCCCACTTCTGAAAACACAGGATGA  
 ATTGCAAAGGCTGTTGGGGTTGCTAAGAGACCAAGATCCCTCTCAGAGGAACAGATGCAAGGACTGTGC  
 ATTGAATTGAACGATTTTATTGTTGCTCTAGCAGAAGTCCAGCCTTCTGCCAAAAGGGAAGGCTTTGTAA  
 CTGTCCCTAATGTGACATGGGCTGATATTGGTGCCTGGAAGATATTAGAGATGAGCTTATAATGGCAAT  
 ATTGGCACCTGTTGCAACCCAGACCAGTTCAGAACTCTTGGTTTGGGACTCCAGCTGGCATCCTCCTA  
 GCTGGTCTCTGGGTGTGGA AAAACTCTGCTAGCAAAGGCTGTGGCAAATGAGTCTGGACTAAATTTTA  
 TATCTGTCAAAGGCCCTGAATTATTGAATATGTATGTTGGTGAGAGTGAACGTGCTGTTGACAAGTTTT  
 TCAGCGAGCCAAGAACTCAGCCCTGCGTGATATTTTTGATGAAGTGGATGCTTTATGCTCTCGGAGA  
 TCAGACCAGAAAACAGGTGCTAGTGTTCGTGTGGTGAATCAGCTGCTTACAGAGATGGATGGCTTAGAAA  
 CACGCCAGCAAGTTTTTATTTGGCTGCCACCAATAGACCAGATATCATTGACCCTGCCATTCTGCGCCC  
 AGGCCGCTGGACAAAACGCTCTTTGTGGGTTTGCCTCCCCCAGCAGACCGTGTGGCCATATTAAGACT  
 ATTACAAAAATGGCACCAAACCTCCACTGGATGAAGATGTAATTTGGAACAATTGCTAATGACCTTC  
 GTTGTAATTGCTATACGGGTGCGGACCTCACTGCTCTGGTACGGGAAGCTTCTCTGTGCCCTGAGACA  
 AGAAATAACAGCTCAGAAGAATGGTGTGGAGCAGGTGAGCTTAAGGTCAGTCATAAGCACTTTGAAGAC  
 GCTTTCAAGAAAGTAAAACCATCCATATCAATAAAGGATCAAGTGTATGAAGCTCTGCAGAGGTCCC  
 TCAGTCAGTGATGTTTGCCTACCTGGCATGGAGGAGGTGTCTAGTGTGGAACCTCACCACGAATCACA  
 GTCACCTGAGAGGTCTACTTTACGCTTGACACCAATGATCCTTTTTTATTTTTTAAATCAGAACCAGT  
 TATCTCTTTATTTTTGGAAAGTAAAGTTGGCTGTGTTAGTAAAACCACATCTGCTAGTGTGGCTGATAA  
 AA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_026171  
**Insert Size:** 2568 bp

<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC031847</a> , <a href="#">AAH31847</a>
<b>RefSeq Size:</b>	2857 bp
<b>RefSeq ORF:</b>	2568 bp
<b>Locus ID:</b>	67459
<b>UniProt ID:</b>	<a href="#">Q9DBY8</a>
<b>Cytogenetics:</b>	1 H4
<b>Gene Summary:</b>	Participates in the assembly of the telomerase holoenzyme and effecting of telomerase activity via its interaction with TERT. Involved in both early and late stages of the pre-rRNA processing pathways. Spatiotemporally regulates 60S ribosomal subunit biogenesis in the nucleolus. Catalyzes the release of specific assembly factors, such as WDR74, from pre-60S ribosomal particles through the ATPase activity.[UniProtKB/Swiss-Prot Function]