

## Product datasheet for **MC221136**

### Dpy19l4 (NM\_001081201) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dpy19l4 (NM_001081201) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dpy19l4
Synonyms:	Gm1023; Narg3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221136 representing NM\_001081201  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCAAAGGAAGAAGGAACATCTGTAGAACCCTGCCAAAGGAAAAAGCAAGAAGCTTCAGGAAGTCAGG  
 AAGCCAAAGCAGAGAAGATCCGCAGAACCCTCAGCTCCTGAAAGAGCTCCAAAATATGTGTCAATTTCAACG  
 TTTTGCAAAGATCGTCATTGGCTGTCTCGCAGCCGTTATTAGTGGTATGATGCATGTTTTCTACTTGTCA  
 GCTTACCATGAACGGAATTTCTGGTTTTCCAACAGGCAGGAGCTCGAGCGAGAGATCACCTTCCAGGGAG  
 ACAGCGCTATTTACTACTCCTACTATAAAGACATGCTGAAGGCGCCGTCATTCGAGAGAGGTGTTTATGA  
 GCTGACGCACAATAACAAAACCATCTCCCTGAAGACTATCAACGCCATGCAACAGATGTCTTTGTACCCA  
 GAACTTATTGCCAGTGTCTCTATCAAGCAACTGGCAGCAATGAAGTGATCGAACAGTGTATTTCTACA  
 TTGGCATTGTGTTGGATTACAAGGAATGTATGCACGGCTTTGTTTGTACAAGTTGGCTTATGAGTGG  
 CACGTGGCTAGCAGGGATGCTTACTGTTGCGTGGTTCCTAATTAACAGGGTGGACACAACAAGAATCGAG  
 TACTCCATTCTTTAAGAGAAAACCTGGGCTCTACCGTATTTTGCATGCCAAGTTGCTGCACCTTACAGGCT  
 ATTTAAAAAGAAATCTAAATACTTATGCAGAGAGGTTTTGCTACCTGTTGCTGAGTACCTCGACGTACAC  
 TTTTCATGATGGTGTGGGAGTACAGCCACTACGTCTTGTCTTTCAGGCAGTATCCCTGCTGCTGCTAGAT  
 ATCTTCTCAGTGGAAACAAAGTGACAAGGTTTATGAAGTATATAAAGTCTACATATTTTCTCTTCTTCTG  
 GGTATTTACTACAGTTTGAGAATCCAGCTTTATTGGTGTCTCCTTTATTAAGTTTAGTAGGAGCGTTCAT  
 GCTTGTAAAGTGCCTTCCAGCTGAATGGGAAAAAGGAACCTTTGTGGCTAAAGTAATCAAAGTGTGTTGAG  
 TTTTACTTGTATGTACCCTGCCGTGACCTTGAATCTTATAGTGAAGATGTTTGTCCCACACAAAGAAA  
 ATGAGCATGTGCTGAAATTTCTTGAAGTCAAATTTGGACTAAATATGACTAAGAATTTACACTGAAGT  
 GCTCCTTTGTCAAGAGTCTCTCCAGGCGCCGTCAGGATTTTTTTTTTCCGATTGACCCAATCTTCCCTG  
 TTGCCATTCTATGTTTTAGTGTAAATTATTTGCTCTTCTTCTATGACACAAGTCTTTTTTAGAAGGATGA  
 GTGGTAAGTCTAAGAAAGAACTGTAACCTTGAAGACGGAAGAATTGGAGAAAGGCCAGAAATAATTTA  
 TCATGTAATTCACACTCTGTTGCTGGGCTCTTGGCATGCTTATGGAAGGCTTGAATTCATTTGGACT  
 CCTTACGTGTGCATGTTGGCCGCTTTGGTGTATGTTCCCCGAACCTTTGGATGACACTTTTAAAGTGGC  
 TTCGATTAAGAAGTGTACACCCAATGTTGTTGGCTCTTATTCTGAGCATGGCGTACCCACTATTATAGG  
 TCTTAGTTTATGGAAGAGTTTTTCCACGATTAATTACAGAATTAACAGAAGTACAGGAATTCATGAT  
 CCAGATACAGTGGAACTTATGACCTGGATAAAGAGGCAAGCTCCAGTTGCAGCTGTGTTCCGAGGAAGCC  
 CACAGTTGATGGGTGTGATTAAGCTGTGTACTGGTGGACAGTGACAAGCCTGCCACTTTACAGCGATGA  
 TGACCTGCTCCAGAGAAATGAAAATATTTACCAATCTATTCAAAGCGATCTGCTGAGGATATTTATAAA  
 ATCCTGACATCTTATAAAGCTAACTACCTAATTGTAGAAGATGCCATCTGCAATGAGCTGGGAACCACGA  
 GAGGCTGTGCGGTTAAAGACTTACTAGATATTGCAAAATGGACATGTGGTTTTCGAAGAAGGTGACAAAT  
 AACCTATTCAAAATATGGACGATTTTGTGCATGAGGTCAAATTAACCTATCTCCATATGTGAATTAATTC  
 ACTAGAGTATACTGGAACAGATCCTACTTTGTATATAAAGTCAACACTGTGATTTCTTCCAATCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001081201

**Insert Size:** 2169 bp

**OTI Disclaimer:** 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>	<u><a href="#">NM_001081201.1</a></u> , <u><a href="#">NP_001074670.1</a></u>
<b>RefSeq Size:</b>	2984 bp
<b>RefSeq ORF:</b>	2169 bp
<b>Locus ID:</b>	381510
<b>UniProt ID:</b>	<u><a href="#">A2AJQ3</a></u>
<b>Cytogenetics:</b>	4
<b>Gene Summary:</b>	Probable C-mannosyltransferase that mediates C-mannosylation of tryptophan residues on target proteins.[UniProtKB/Swiss-Prot Function]