

## Product datasheet for **MC201526**

### **Nabl (NM\_028757) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nabl (NM_028757) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nabl
Synonyms:	1200007O21Rik; A630080F05Rik; BB140644; D830029A09Rik; Lnebl
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC025863 sequence for NM\_028757  
 CTAGTGCCAGCGTCGCCGAGCGCGGCTGCCCCCTTGACCTCTCCAGGCCAGTTTGACAGCGCCTGAAG  
 CCCTTCTCCCTGCCCGAGGTGGCGCGGGGCTCTCGGGGGATGTCACAGCGGCTCCTCGGAGCCCTAG  
 TCCCCGCTGCAGCAACAGCCACCGCCCGCGGGAACCGCGACAATGAATCCCCAGTGCGCCCGCTGCGGAA  
 AAGTGGTGTATCCACAGAGAAAAGTCAACTGTCTAGATAAGTATTGGCATAAAGGATGTTTCCACTGCGA  
 GGTCTGCAAGATGGCTCAACATGAACAACTACAAAGGCTATGAAAAGAAGCCCTATTGCAATGCACAC  
 TACCCAAAAGCAGTCCCTTACCACAGTGGCGGATACACCTGAAAACCTTCGCCTGAAGCAGCAAAGTGAAC  
 TGCAGAGCCAGGTCAAGTACAAAAGAGATTTTGAAGAAAAGCAAAGGCAGGGGCTTCAGCATTGTCACAGA  
 TACTCCTGAGCTGCAGAGGCTGAAGAGGACCCAGGAGCAGATCAGTAATGTCAAATACCATGAAGATTTT  
 GAGAAGACAAAGGGAAGAGGCTTCACTCCCGTTGTGGATGATCCTGTGACTGAGAGGGTGAAGGAGCA  
 CCCAGGTTGTGAGCGATGCTGCCTATAAAGGGTCCAGCCACATGTTGTGGAGATGGATAGAAGACTGG  
 GATCATTGTTGCACCTGTCTTCTGGAGCTTACCAGCAGAGCCATTCCAAGGCTATGGGTACATGCAT  
 CAGACCAGCGTGTGTCATGAGGTCAATGCAGCCTCCAGCACATCTAAGGACCTACCGGCCATGTACG  
 ATTATAGCGCCAGGATGAAGATGAGGTCTCCTCCGAGATGGTACTACATTGTCAACGTGCAGCCCAT  
 TGATGATGGCTGGATGTATGGCACCGTGCAGAGAACCAGGAGAACGGGCATGCTCCAGCAAATTACATT  
 GAGTTTGTGAATTAATCTTTCTCCTTGCCCTTTGAGCTTTATTATGATGTATTCCAAAATCAATCTTTT  
 TAAAAGATAGATGATACTTTTTCAGATAACTTGGCAATTATTTTACAATAATGTATCCTTACTTTGCAAT  
 TAGACACACAGGTACCAGGAAAAAGGAATTGACTTTTCAGGCTGGAAATGGCAGCATCCATAGTAATTCC  
 TGTAACAAAACCATTAGGTCTGGAGACCTGGTCTGCTAATTGTGTTTGTGGTTTCATTCAATTGGCTA  
 TCCAACCTTCTGGGAAATGATTTTTGTAGACTTTAATAGAGATGTTGATTGTCCTTAAGTGTAAACA  
 ATGTATGAAATTTCTAGCTGTCACTTGGAAATCATCCATAGCTAACTTCATAGTCCAGCAACACATCCA  
 ATAATTTAAAACTGTTACGCTTTTAAATCATTGGATAATTTTCAATTCAAGGGAGGATCACCTAATATA  
 ATAAATAAATGGAAACAGTGGCAGAATGGTCTGGTTAAATCATATTGACTGTAGCCTTAGGGAGTCGG  
 CAGGGAACTTAGCCTTTCCCTAGGCTGAGCGGGAGCTATTTAGTTCTCATGTGTTTCATGGTGTAGCCTA  
 TCTCCATTTATGTTCTGTGGAGCAGTGCATCTGCTCAGGTCCCCAGAATGTCAGGACCAGGTAACTCCC  
 AGCTTCTCTGCAAAGGGCAAAGTCTAATGTCATCTGACTATTTACCAGTAGCCTCTATCCTGTTGCAT  
 GTCTGTGGCGTGAGCTTCTGTAACACAGCAACATCTGTAACAGCTGCTAGCCCATCCTTGTACTAAAG  
 TCAACTGTATGGCCACTCTCCCTGCCCTTCTTCTAGTTGCCCGCTCATTGGAAAAATTTTAAAAAGT  
 TGCTTGAGGCTTTCTTGTGCATTACACTCTAGTTTTGAAAGACTCACACCTTAGGAACTACATATATAC  
 TCTAGTAAATAGGAGACTTATGATTTACTGGATAGCTTTCACTCACTTAATGCCACCATTGATTTAAAA  
 GTGGAGTGAATTGAACAGCCTCCACCGTAAGCGGAAATGGAGTATAAAGTAGCTGAAAACAAAAACACA  
 GAACAGCAAAGGTTTGTACAGTTAGACAATCTGGTCTTATACTTTGGTAATCAGTCTTCAGATGCTGG  
 GATAGAAATCTGGCCATTAATATGTTCTATAAAAAAGGCTTCCCTTTCCCATTCCTGTTTTGTTTTCTA  
 AGTCACCTTACGATTAGATTAATAAAAAAGTCAATGAGTGATTTTTTGGTGGGGAGGGATGTCCAACAG  
 ATAATCCACTAAGGAAGAAATCAGTGTCCGGTTTTGAGTAGTATGCAGGACTCACACACTTGTGAGTAAA  
 CTTGTCTGGAATCTGCAGTTGAGGTACCTGGATGTTGACATTTATTGCAACTCTGTTTTTTCATAGTGC  
 CTCTGACTGTGACTTGCAGCTCGGTGGCATTCTTGAAGCTCTGAAAATGAAGAGAGTAAAGTCACAAAA  
 ATATTAAGGATAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_028757

**Insert Size:** 813 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).

**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:** [BC025863](#), [AAH25863](#)

**RefSeq Size:** 2548 bp

**RefSeq ORF:** 813 bp

**Locus ID:** 74103

**UniProt ID:** [Q9DC07](#)

**Cytogenetics:** 2 A3

**Gene Summary:** Binds to actin and plays an important role in the assembly of the Z-disk. Isoform 2 might play a role in the assembly of focal adhesion (By similarity).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) encodes a protein (isoform 1) with LIM and SH3 domains and nebulin repeats. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.