

## Product datasheet for **MC201819**

### Dis3l2 (NM\_153530) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dis3l2 (NM_153530) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dis3l2
Synonyms:	4930429A22Rik; 8030493P09Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC036177 sequence for NM\_153530  
 GCGGCGCCGCCGCTCCCGGGAGCGACGCTCGTGACAACCTGAGCTGCTGAAGGCAGGAGGAACCTGAG  
 CTGAATAGTAGTGGGTCCTGAATCTGGAGAGAAGACGCCACCTTGAACCAGTAATGAACCATCCTGAC  
 TACAAGCTGAACCTTCGGTCTCCGGGGACCCCAAGGTTGTGCTCTGTGGTTGGCCCGAGTGTGTTG  
 GTGCTTCGCCAGGTGACAAAAAGTCAAAGAACAAGTCCATGCGAGGGAAGAAAAAGGCATATTTGAAAC  
 CTACATGTCCAAGGAGGATGTTTCAGAAGGCTTGAAGAGAGGAACACTTATCCAGGGTGTATTGAGAATC  
 AACCCAAAGAAGTTTCATGAAGCCTTCATTCTCTCCGGATGGTGATCGGGACATTTTTATTGATGGAG  
 TTGTTGCTCGTAATAGAGCCTTAAATGGGGACCTTGTGGTTGTA AAACTGCTTCCCTGAGGATCAGTGGAA  
 GGCAGTTAAACCAGAGCAATGACAAAAGAAATAGAAGCTACTTATGAAGCTGACATCCCTGAAGAGGGC  
 TGTGGACATACCCCTGCAGCAGTCCCGGAAAGGCTGGAGTGGTCTGATGTCATTATAGAGGCTCAGT  
 TTGATGACAGCGACTCAGAAGATAGACATGGCAACACCAGTGGCCTGGTTGATGGTGTAAAGAAATTGTC  
 AATCTCTACTCCTGACAGAGGAAAAGAAGATTCTAGTACTCCAGTTATGAAAGATGAGAACACCCCCATA  
 CCACAGGACACAAGAGGCTTATCAGAGAAGTCACTTCAGAAATCAGCAAAGGTGGTTTACATCTTGAGA  
 AAAAGCATTCTCGAGCAGCAACTGGCATCTGAAACTCTTGGCTGATAAGAACAGTGACCTGTTTAAAGAA  
 ATACGCCCTGTTTTCTCCTTCAGACCACCGAGTACCTAGAATTTACGTACCTCTCAAGGACTGTCCCCAG  
 GACTTCATGACCCGACCTAAAGACTTTGGCAACACGCTGTTTCATCTGCCGCATCATAGACTGGAAGGAGG  
 ACTGTAATTTTGCCTGGGGCAACTGGCTAAGAGTCTTGGGCAGGCTGGTGAATCGAGCCTGAAACAGA  
 AGGGATACTGACAGAATATGGTGTGGACTTCTCTGATTTCTTTCAGAAGTTCTTGAATGTCTCCCTCAA  
 AGCCTGCCCTGGACAATCCCACCTGATGAGGTGGGCAAGAGAAGAGACCTAAGGAAAAGACTGTATCTTCA  
 CCATTGATCCATCAACTGCTCGCGACCTTGTGATGACCTCGCCTGCAGGCGGCTCACTGATGGCACCTT  
 CGAAGTGGGCGTCCACATCGCCGATGTGAGTACTTTGTTCTCTGAGGGATCCTCTTTGGATAAAGTAGCT  
 GCTGAGAGAGCCACAAGTGTCTACTTGGTCCAGAAGGTGGTCCCATGCTTCCAGGCTTCTGTGTGAGG  
 AACTCTGCAGCCTCAACCCCATGACTGACAAGCTGACCTTCTCTGTGATCTGGAAGCTGACCCCTGAAGG  
 CAAGATCCTTGAAGAGTGGTTTGGCCGCACTATCATCCGTTCTTGCACCAAAGTACTGAGTACGACCATGCC  
 CAGAGCATGATCGAAAATCCAAGTGAAGATCCCTGAGGAAGAGCTTCCCCCAATTTCTCCAGAGCACA  
 GCGTCGAGGAGGTGACCCAGGCAGTCTGAACCTGCACAGCATTGCAAAGCAACTCCGCCCCAGCGCTT  
 TGTAGATGGCGCACTCCGTTTAGATCAGCTGAAGCTTGTCTTTACTCTGGACCATGAGACTGGATTGCCCT  
 CAAGGATGTCACATCTATGAGTACCGAGACAGCAACAAGCTTGTAGAGGAGTTTATGCTCCTGGCCAACA  
 TGGCGGTGGCCACAAGATCTTCCGCACCTTCCCTGAGCAGGCCCTGCTGCGCCGCATCCCCACCACA  
 GACGAAGATGCTCAGTGACCTGGTGGAGTCTGTGACCAGATGGGGCTGCCCATGGATGTCAGCTCTGCA  
 GGGGCCCTAAATAAAGCCTGACTAAGACATTTGGAGATGACAAGTACTCTCTGGCCCGAAGGAGGTGC  
 TCACCAACATGTACTCCCGCCCATGCAGATGGCACTGTACTTCTGCTCTGGGATGCTGCAGGACCAGGA  
 GCAGTTCGGCATTATGCTCTCAACGTTCCCTCTACACACACTTCACCTCTCCCATCCGCCGCTTTGCT  
 GACGTCATAGTGACCCGCTCCTGGCTGCTGCTCTGGGTACAGTGAACAGCCAGATGTGGAGCCTGATA  
 CCCTACAGAAGCAAGCTGACCACTGCAATGACCGTCGATGGCTTCCAAACGTGTGCAGGAGCTCAGCAT  
 CGGCCTCTTCTCGCAGTTCTAGTAAAGGAGAGTGGCCCTGGAGTCCGAAGCCATGGTGTGGTGTGTC  
 CTGAACCAAGCTTTCGACGTGCTGGTGTGCGCTTTGGGTGCAGAAGCGCATCTACTGCAATGCACTGG  
 CCCTGCGATCCTACAGCTTCCAGAAGGTGGGGAAGAAGCCAGAGCTCACTCTTGTGTTGGGAGCCTGATGA  
 CCTTGAAGAGGAGCCAACACAGCAGGTCAACCATCTTCAGCCTGGTGGATGTGGTCTGCAGGAGGAGG  
 GCCACAGCCCTCAAGTACAGTGCTATCCTGAAGCGACCAGCCTGGAGAAGGCGTCTGATGAGAGCCTG  
 AGGACTGAATGCTAGCCCAAGCCAGGCCTGTGCCTGCCCTACCCTGCTGGCTTTTAGGAATAGGACCTTT  
 TGACACCAAAGGGGATTTTTAATTTGGTTTTTAACAACCTCAGGGGTTTTGTTTTATTTTTATTTTCCTT  
 TTATTTTACTTTTGCAGCTCAGTTTTTAAATGAACTGGAAGGTTAGGGTCAAGGAGGGGATGCTGAGG  
 CCTGGCTGTGCTTCCCTGAGCAGAGAGGATCCAGTCTCCTGGGCAGGAGCCCGCTTCTACCAGGC  
 GACCCACTGCCCTTCCCTGCCAGGAAATGGGGGTTTCAGCAAATCAGTGTGATGGAATAAATCAAGT  
 GTGAAAAAAAAAAAAAAAAACAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_153530  
**Insert Size:** 2613 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="#">BC036177</a> , <a href="#">AAH36177</a>
<b>RefSeq Size:</b>	3116 bp
<b>RefSeq ORF:</b>	2613 bp
<b>Locus ID:</b>	208718
<b>UniProt ID:</b>	<a href="#">Q8CI75</a>
<b>Cytogenetics:</b>	1 C5
<b>Gene Summary:</b>	<p>3'-5'-exoribonuclease that specifically recognizes RNAs polyuridylated at their 3' end and mediates their degradation. Component of an exosome-independent RNA degradation pathway that mediates degradation of both mRNAs and miRNAs that have been polyuridylated by a terminal uridylyltransferase, such as ZCCHC11/TUT4. Mediates degradation of cytoplasmic mRNAs that have been deadenylated and subsequently uridylated at their 3'. Mediates degradation of uridylated pre-let-7 miRNAs, contributing to the maintenance of embryonic stem (ES) cells. Essential for correct mitosis, and negatively regulates cell proliferation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. The resulting isoform (2) lacks an internal segment, compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>