

## Product datasheet for **MC205098**

### Dis3l (NM\_172519) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dis3l (NM_172519) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dis3l
Synonyms:	AV340375
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC056939  
 GCCGCCTGCCGCCGCCGCCGCCGCTTCCCGGCCACAGTGCCGGGCGACGCCGCCAGCATGCTGCAGAA  
 GCGGGAGAAGGTGCTGCTGCTGAGGACCTTCCAGGGTCGGACGCTGCGGATCGTGCGTGAACACTACCTG  
 CGGCCAGCGTGCCTTGAACAGCCCGTGTGCCCGCAGCCTGCCGCCTGCCCAACGATGGGAAGCTCC  
 TGGCTGCCGAAGTCACTATTACGTGATCCCAGACTGGAAAGTTGTCAGGATTACCTCGAGGTTCTGGA  
 GTTCCCGGAGTTGAAGGGAGTTATTTTCATGCAAACGGCCTGTCAAGCTGTGCAGCACCAGAGAGGCCGG  
 AGACAGATAAACAACCTGCGAAACCTCCTGAAGGATGCTCGCCATGACTGCGTTCTTTTGCTAACGAGT  
 TCCAGCAGCACTGTTACCTCCCCCGGAAAAGGGGAAGCCATGGAGAAGTGGCAGACCAGGAGCATATA  
 CAACTCAGCGTTTGGTACTATACCACTGTGAGGACAGGATGCCCATCGTTATGGTGACAGAAGATGAA  
 GAGGCCATTGAGAAGTATGGAAGTGAACAGAAGGCGTATTTGTCATTTCTTCAAGAATTACCTGGACA  
 ACTTCTGGCCAGATTTGAAGGCTGCCACGATCTCTGTGACTCCATCCTTCAGTCTCGCCGGGAAAGGGA  
 GACTGAGAGTCAGGAAACCCATGGGAAAGAGTACCAGAACATCTTCCCCTAGAAGTACTGGAAGCGGGC  
 ATCAAATCTGGACGCTACATCCAGGGAATTCTGAATGTCAACAAGCACAGAGCTCAGATTGAAGCTTTCG  
 TTCGCCTACACGGAGCCAGCAGTAAGGACTCAGGCTTGGTCAGCGACATCCTCATCCATGGCTCGAAGGC  
 TCGGAACCGCTCCATCCATGGAGACGTCGTGGTGGTGGAGATGCTCCCCAAAAGTGAAGTGGAAAGGGAGA  
 ACAGCCCGCTGGGTGAGAACGACAGTGTGACAAGGCCCTCGGGCGAGTCCCCGAGTGAGCCCATGCCCA  
 CAGGTCGAGTGGTAGGCATCCTTCAAGAAGTGGCGAGATTATGTGGTGACATTTCCATCCAAAGAAGA  
 GGTCCAGTCTCAGGGCAAAAATGCTCAGAAGATCCTGGTTACGCCGTGGGATTACAGAATCCCTAAGATC  
 CGCATCAGCACCAGCAAGCAGAAGCCCTCCAGGATTTAGGGTGGTGTGCGCATTGACTCCTGGGAGG  
 CAACATCAGTGTATCAAATGGACATTTTGTGCGTGTCTTAGGGAGAATCGGTGATCTGGAAGGGGAGAT  
 TGCAACCATCCTGGTAGAAGCAGTATCTCTGTGGTCCCCTTCTCAGAAGCCAGATGTGTGAGATGCCA  
 GTGAACACACCAGAAAACCTTGGAAAGTGAAGTCCCAAAGAAGAGCAAGAGCGGAAGGACCTGAGGACCA  
 CCCACCTCGTGTTCAGCATCGACCCCAAAGGTTGTGAAGATGTGGATGACACACTCTCAGTCAAGACCTT  
 GAATAACGGCAACCTGGAGCTGGGGTCCACATCGCTGACGTGACACACTTTGTGGCCCTAACTCTTAC  
 ATCGATGTTGAAGCTAGAACGAGGGCCACCACTTACTACCTAGCGGACCGTGCATGACATGCTGCCTT  
 CCATCCTCAGCGCAGACCTCTGCTCCCTCCTGGGAGGCGTTGACCGGTATGCTGTGTGAGTGTGCGGGA  
 ATTAGATAAAAACCTCTTATGAAATTAAGAAGGTGGTACGGCAGAACCATTATCCGATCAGCTTACAAA  
 CTGTTCTACGAGGCGGCCAGGAACTACTGGACGGAACTTACGATTGTTGATGATATTCCAGAACTTA  
 AAGCCTTGGACAAGCAGAGCCAACAGGCCAACTAGAGGAGTTAGTGTGGCAATTGGAAGTTGACAGA  
 CATAGCTCGCCACATCCGAGCAAAGAGAGACCGCTGTGGAGCCTTGGAGCTGGAAGGGTAGAGGTTGGA  
 GTCAGCTGGATGACAAGAAGAACATCCGTGACCTCATCCCCAAGCAGCCCTGGAGGTTACAGAGACGG  
 TGGCTGAGTGATGATCCTAGCCAACCACTGGGTGGCCAAGAAGATCTGGGAGAGCTTCCCCACCAGGC  
 TCTGCTGCGCCAGCACCCCTCCACCACACAGGAGTTTTTCTCAGAGCTCCGGGAATGTGCTAAAGCAAAA  
 GGCTTCTTCATAGACACACGGTCCAATAAAACCTGGCTGACTCTCTGGATAGTGCAATGACCCCAAGG  
 ACCCCCTGGTAAACAAGCTGCTGCGCTCCATGGCCACCAGGCCATGTCCAACGCGCTCTACTTCTCTAC  
 GGGATCCTGCGCAGAGGAGGAGTTCCATCATTACGGGCTGGCCTTAGATAAATACACCCACTTTACCTCT  
 CCAATAAGAAGATACTCAGATATTGTAGTACATCGGCTATTAATGGCAGCCATTTCAAAGACAAGAAAA  
 TGGAGATTAAGAAAAATTTGTTTCAGCAACAAAAATCTTGAGGAATTATGCAGACACATTAACAACAGAAA  
 CCGAGCGGCACAGCGGTCTCAGAAGCAGTCCACCGAGCTTCCAGTGCATGTACTTTAAAGACCGAGAT  
 GCAGAAAAGTGAAGCGCTGCATAGCTGATGGAGTTATTTATTCCATTAGAACAATGGTGTACTTGTAT  
 TTATACCAAGGTTTGGGATTAAGGTGCTGCTTATCTGAAGAATAAAGATAGCTTAGTGATCTCCTGTGG  
 CCCAGAGGGCAGCTCTGAATGGAAGCCAGGATCCCTACAAAGATCTCAAAAACAAGATCATCTTACCACA  
 GCTGGAGGGCAGTCTGTTACATTTATCTATTTGACCATGTGACGGTAAGAATTTCTGTCCAGGCCCTCGC  
 GCTGCCACTCTGATACAATCAGGCTTGAATAGTAAGCAACAAGCCATACATGATCCCAAACACAGAAGT  
 CTGTACCAGAGCTCCCTGCTGAAGAGTGTAGTGAAGGAAGTAACCCGATCTGTGGAGGAAGCGCAG  
 CTTGCACAAGAAGTCAAAGGCAAGGTGATTGAGGAAGAGCATCAAGAATACTGCCAGACAAGGGAAGAA  
 GTCTGTACACACTTCTGGAGGAGATAAGGGACCTAGCTTCTGGATGTCTCTGACAGTTGTGCAATGTG  
 AAATACTTCCATGTCATTAAGACCTTTGTCTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI

ACCN: NM\_172519

<b>Insert Size:</b>	2913 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>	<u><a href="#">BC056939</a></u> , <u><a href="#">AAH56939</a></u>
<b>RefSeq Size:</b>	3289 bp
<b>RefSeq ORF:</b>	2913 bp
<b>Locus ID:</b>	213550
<b>UniProt ID:</b>	<u><a href="#">Q8C0S1</a></u>
<b>Cytogenetics:</b>	9 C
<b>Gene Summary:</b>	<p>Putative cytoplasm-specific catalytic component of the RNA exosome complex which has 3'-&gt;5' exoribonuclease activity and participates in a multitude of cellular RNA processing and degradation events. In the cytoplasm, the RNA exosome complex is involved in general mRNA turnover and specifically degrades inherently unstable mRNAs containing AU-rich elements (AREs) within their 3' untranslated regions, and in RNA surveillance pathways, preventing translation of aberrant mRNAs. It seems to be involved in degradation of histone mRNA. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and uses a downstream start codon, compared to variant 1. The encoded isoform (2) is shorter at the N-terminus, compared to isoform 1. Both variants 2 and 3 encode the same isoform.</p>