

Product datasheet for **MC201820**

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
 GCGGCGCCGCGGCTCCCGGGAGCGACGCTCGTGACAACCTGAGCTGCTGAAGGCAGGAGGAACTCTGAG
 CTGAATAGTAGTGGGTCCTGAATCTGGAGAGAAGACGCCACCTTGAACCAGTAATGAACCATCCTGAC
 TACAAGCTGAACCTTCGGTCTCCGGGGACCCCAAGGTTGTGCTCTGTGGTTGGCCCGAGTGTGTTG
 GTGCTTCGCCAGGTGACAAAAAGTCAAAGAACAAGTCCATGCGAGGGAAGAAAAAGGCATATTTGAAAC
 CTACATGTCCAAGGAGGATGTTTCAGAAGGCTTGAAGAGAGGAACACTTATCCAGGTTGATTGAGAATC
 AACCCAAAGAAGTTTCATGAAGCCTTCATTCTCTCCGGATGGTGATCGGGACATTTTTATTGATGGAG
 TTGTTGCTCGTAATAGAGCCTTAAATGGGGACCTTGTGGTTGTA AAACTGCTTCCCTGAGGATCAGTGGAA
 GGCAGTTAAACCAGAGCAATGACAAAAGAAATAGAAGCTACTTATGAAGCTGACATCCCTGAAGAGGGC
 TGTGGACATACCCCTGCAGCAGTCCCGGAAAGGCTGGAGTGGTCTGATGTCATTATAGAGGCTCAGT
 TTGATGACAGCGACTCAGAAGATAGACATGGCAACACCAGTGGCCTGGTTGATGGTGTTAAGAAATTGTC
 AATCTCTACTCCTGACAGAGGAAAAGAAGATTCTAGTACTCCAGTTATGAAAGATGAGAACACCCCCATA
 CCACAGGACACAAGAGGCTTATCAGAGAAGTCACTTCAGAAATCAGCAAAGGTGGTTTACATCTTGAGA
 AAAAGCATTCTCGAGCAGCAACTGGCATCTGAAACTCTTGGCTGATAAGAACAGTGACCTGTTTAAAGAA
 ATACGCCCTGTTTTCTCCTTCAGACCACCGAGTACCTAGAATTTACGTACCTCTCAAGGACTGTCCCCAG
 GACTTCATGACCCGACCTAAAGACTTTTGCAACACGCTGTTTCATCTGCCGCATCATAGACTGGAAGGAGG
 ACTGTAATTTTGCCTGGGGCAACTGGCTAAGAGTCTTGGGCAGGCTGGTGAATCGAGCCTGAAACAGA
 AGGGATACTGACAGAATATGGTGTGGACTTCTCTGATTTCTTTCAGAAGTTCTTGAATGTCTCCCTCAA
 AGCCTGCCCTGGACAATCCCACCTGATGAGGTGGGCAAGAGAAGAGACCTAAGGAAAAGACTGTATCTTCA
 CCATTGATCCATCAACTGCTCGCGACCTTGATGATGCCCTCGCCTGCAGGCGGCTCACTGATGGCACCTT
 CGAAGTGGGCGTCCACATCGCCGATGTGAGTACTTTGTTCTCTGAGGGATCCTCTTTGGATAAAGTAGCT
 GCTGAGAGAGCCACAAGTGTCTACTTGGTCCAGAAGGTGGTCCCATGCTTCCAGGCTTCTGTGTGAGG
 AACTCTGCAGCCTCAACCCCATGACTGACAAGCTGACCTTCTCTGTGATCTGGAAGCTGACCCCTGAAGG
 CAAGATCCTTGAAGAGTGGTTTGGCCGCACTATCATCCGTTCTTGACCAAAGTACTGAGTACGACCATGCC
 CAGAGCATGATCGAAAATCCAAGTGAAGATCCCTGAGGAAGAGCTTCCCCCAATTTCTCCAGAGCACA
 GCGTCGAGGAGGTGACCCAGGCAGTCTGAACTGCACAGCATTGCAAAGCAACTCCGCCCCAGCGCTT
 TGTAGATGGCGCACTCCGTTTAGATCAGCTGAAGCTTGTCTTTACTCTGGACCATGAGACTGGATTGCCCT
 CAAGGATGTCACATCTATGAGTACCGAGACAGCAACAAGCTTGTAGAGGAGTTTATGCTCCTGGCCAACA
 TGGCGGTGGCCACAAGATCTTCCGCACCTTCCCTGAGCAGGCCCTGCTGCGCCGCATCCCCACCACA
 GACGAAGATGCTCAGTGACCTGGTGGAGTCTGTGACCAGATGGGGCTGCCCATGGATGTCAGCTCTGCA
 GGGGCCCTAAATAAAAGCCTGACTAAGACATTTGGAGATGACAAGTACTCTCTGGCCCGAAGGAGGTGC
 TCACCAACATGTACTCCCGCCCATGCAGATGGCACTGTACTTCTGCTCTGGGATGCTGCAGGACCAGGA
 GCAGTTCGGCATTATGCTCTCAACGTTCCCTCTACACACACTTCACCTCTCCCATCCGCCGCTTTGCT
 GACGTCATAGTGACCCGCTCCTGGCTGCTGCTCTGGGTACAGTGAACAGCCAGATGTGGAGCCTGATA
 CCCTACAGAAGCAAGCTGACCACTGCAATGACCGTCGATGGCTTCCAAACGTGTGCAGGAGCTCAGCAT
 CGGCCTCTTCTCGCAGTTCTAGTAAAGGAGAGTGGCCCTGGAGTCCGAAGCCATGGTATGGGTGTC
 CTGAACCAAGCTTTCGACGTGCTGGTGTGCGCTTTGGGTGCAGAAGCGCATCTACTGCAATGCACTGG
 CCTTGCAGTCTACAGCTTCCAGAAGGTGGGAAGAAGCCAGAGCTCACTCTTGTGGGAGCCTGATGA
 CCTTGAAGAGGAGCCAACACAGCAGGTCAACCATCTTCCAGCTGGTGGATGTGGTCTGCAGGAGAGG
 GCCACAGCCCTCAAGTACAGTGCTATCCTGAAGCGACCAGGCTGGAGAAGGCGTCTGATGAGAGCCTG
 AGGACTGAATGCTAGCCCAAGCCAGGCTGTGCCTGCCCTACCCTGCTGGCTTTTAGGAATAGGACCTTT
 TGACACCAAAGGGGATTTTTAATTTGGTTTTTAACTCAGGGGTTTGTTTTTATTTTTATTTTCTTT
 TTATTTTACTTTTGCAGCTCAGTTTTTAAATGAACTGGAAGGTTAGGGTCAAGGAGGGGATGCTGAGG
 CCTGGCTGTGCTTCCCTGAGCAGAGAGGATCCAGTCTCTGGGCAGGAGCCCGCTTCTACCAGGC
 GACCCACTGCCCTTCCCTGCCAGGAAATGGGGGTTTTCAGCAAATCAGTGTGATGGAATAAAATCAAGT
 GTGAAAAAAAAAAAAAAAAACAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_153530
Insert Size: 2613 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:	<ol style="list-style-type: none">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:	BC036177 , AAH36177
RefSeq Size:	3116 bp
RefSeq ORF:	2613 bp
Locus ID:	208718
UniProt ID:	Q8CI75
Cytogenetics:	1 C5
Gene Summary:	<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>