

## Product datasheet for **MC201408**

### Dnd1 (NM\_173383) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dnd1 (NM\_173383) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Dnd1  
**Synonyms:** BC034897; RBMS4; Ter  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC034897 sequence for NM\_173383  
 AGCCGAAAGAAGGTCTAAAGAGGGAAGTAAAGACTTTGGAAAGAGCTATGCAGTCCAAACGGGAGTGCC  
 AGCAATGGTGTGAGAGGGTGAATCCAGAGAACAAGGCAGCCCTGGAGGCGTGGGTAAAGGAGACTGGCAT  
 CCGCCTGGTGCAGGTCAACGGGCAAGGAAGTATGGAGGGCCACCCCAAGGTACAGTAGCCCAAGCCCT  
 GTGACACTAGGCCATCCTCGGCCACTCTTTATAGATAGGATCCAAAGTCAGAAAACCCAAATACCTGAC  
 GACTCTACTAGATGTGGCTATTTGTCTGGCCTCCCTCCACACTGGCCTTCAAGGATGGTGCCAGCC  
 TAGTTGTTTATAGTCTAGTCCAATTATGGTAACGACCCCAAGGAGCCAGAAAGGTATCAATATTTCCAGA  
 TGGTCTCCCTCCATCCCAACCCCTACCCCAAGGCTTTATCCTGGAGCTTAAAAACATCCTTGT  
 GGACCACAGTAACCAACAAAATCCTTTCCCTCCAGGCTGGGTGGGAGCCCGCCACCGTCAGGGTCCGAG  
 GTGTATATCGGACGACTCCGACGACGTGTACGAGCACCAGCTAATCCCACTCTCCAGCGCTGGGGC  
 GCCTCTATGAGTCCGCCTAATGATGACCTTCAGTGGTTGAACCGCGGCTTTGCCTATGCGCGCTACAG  
 CTCGCGGCGGGTGCCCAAGGCCGCAATTGCTACGCTGCACAACCACAGCTGCGGCTTCTTGCCAGCTC  
 CTGGTGTGCCGAAGCACCGAGAAGTGCGAGCTGACGGTGGACGGGCTGCCTCTTAGCTTAAACCGCCGAG  
 CGTTACTGCTCGCCCTGCAACCGTTCGGTCCCTGCCTCCAGGAGACACTGCTGCTACCCAGCCCTGGGT  
 TGCGCCCTCTCAGATTGCGCTGCTCAAGTTCAGTACGACCGAGCTGCTGCTATGGCCAAAAAGGCCCTG  
 GTAGAAGGTCAGTACGCCTCTGTGGAGAGCAGGTGGCTGTGGAGTGGCTCAAGCCAGACCTAAAGCAGC  
 ACTTCCGCCAGCAGCTTGCAAGTCCCTCACTGCGGTTCCCTCAGGCCAGATGTCAGCCAATAACCCAGAC  
 CAGGGAGAAGCTGGGGTCCCAAGGGGCTCGGGCTGCCCTGCAACTGCTGTGTCAACGGATGAAGCTAGGC  
 AGCCCAAGTGTCCCTGACCAAGTGTAGGAACAGGGCCTGCTGGCTGGCATCGCTTTGGTACCAGGTGG  
 TGATCCCTGGGCATCCAGTGCCTTTTCAGTGGCCTCATTGGGTTGTGTTGGCCTCTGATTGGCAGGATGG  
 GCATGAGGTGGCCAAGGATGCTGTGTCCGCACAGCTGCTGGAGGCACTGAGTGAACCTAGGACCAGCTTG  
 TGGTCTCCTGGGGCTGAAGCAGGTAATGTTAAGCAGTGACCCCTTCTTTTACAGGTACCTAAATG  
 GGTTAAGCAGAGCCTGTGCCAACCCCAAGCCAGCCAGCAGGCTGGGAGCCAGGGCCTGGTGACAGCTTT  
 CCCTGCTGGGACAGGGCCTGTTGCACCTAAGTGTACTTTAGTTGTGAGGAACCTTGCCCTCCCACT  
 GAGCCAGGGTCTGACCTGCTATCCTTAGTCAATTCCAGCTTGGCACCAGAGCTTACTATGAATCTTTG  
 TTTTATTTGGAGAACTGGCTGAACCAAGAGCCCTTCTCCCACTTGTCCCTGGTTTGGGCTTACA  
 TGGTTTTTGTCTTACTACTGGTTTTATTTATATAAAACCCAGTTGGTATAAAAAAAAAAAAAAAAAAAAAA AAAAA



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<b>Restriction Sites:</b>	EcoRI-NotI
<b>ACCN:</b>	NM_173383
<b>Insert Size:</b>	1023 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="#">BC034897</a> , <a href="#">AAH34897</a>
<b>RefSeq Size:</b>	1825 bp
<b>RefSeq ORF:</b>	1023 bp
<b>Locus ID:</b>	213236
<b>UniProt ID:</b>	<a href="#">Q6VY05</a>
<b>Cytogenetics:</b>	18 19.46 cM
<b>Gene Summary:</b>	RNA-binding factor that positively regulates gene expression by prohibiting miRNA-mediated gene suppression (By similarity). Relieves miRNA repression in germline cells (By similarity). Prohibits the function of several miRNAs by blocking the accessibility of target mRNAs (By similarity). Sequence-specific RNA-binding factor that binds specifically to U-rich regions (URRs) in the 3' untranslated region (3' UTR) of several mRNAs (By similarity). Does not bind to miRNAs (By similarity). Isoform 1 may play a role during primordial germ cell (PGC) survival. However, does not seem to be essential for PGC migration.[UniProtKB/Swiss-Prot Function]