

Product datasheet for **SC123390**

DND1 (NM_194249) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DND1 (NM_194249) Human Untagged Clone
Tag:	Tag Free
Symbol:	DND1
Synonyms:	RBMS4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_194249 edited
 GGAGGAAGTTATAAAGAGGGTACGAGGGGGCCAGCTGGAGAGCCATGCAGTCCAAGCGGG
 ATTGTGAGCTGTGGTGTGAGAGGGTGAATCCAGAGAACAAGGCGGCGCTGGAGGGCTGGG
 TCAGGGAGACAGGCATCCGCCTGGTGCAGGTGAACGGGCAGAGGAAGTATGGCGGGCCAC
 CCCCAGGCTGGGTGGGCAGCCCGCCAGCTGGGTGAGAGGTGTTTCATCGGGCGGCTGC
 CTCAGGACGTGTACGAGCACCAGCTTATCCCGCTGTTCCAGCGCTGGGCCGCTCTACG
 AGTTCGCGCTGATGACCTTCAGCGGCTGAACCGCGCTTCGCCTATGCCCGCTACA
 GCTCGAGGCGCGCGCAGGCCGCCATCGCCACGCTGCACAACCATCCGCTGCGGCCGT
 CCTGCCCGCTGCTCGTGTGCCGACGACCGAGAAGTGTGAGCTGAGCGTTGACGGCTGC
 CGCCGAATCTGACCCGACGCGCTGCTGCTCGCGCTGCAGCCGCTGGTCCCAGCTTGC
 AGGAGGCGCGGCTGCTGCCAGCCCGGACCGCGCCCGGCAGATCGCTCTGCTCAAAAT
 TCAGCTCGCACCAGGCGCTGCCATGGCCAAAAAGGCCCTGGTGGAAAGGCAGTCACACC
 TCTGTGGAGAGCAGGTGGCTGTGGAGTGGCTCAAGCCAGACCTGAAGCAGCGACTTCGCC
 AGCAGCTTGTGGTCCCTTCTTGGCGTCCCCACAGCCAGAGGGCAGCCAGTTGGCTTTGG
 CAAGGGACAAGTTAGGGTCCAAGGGCTCGGGTACCCTGCAGTTGCTGTGCCAACGAA
 TGAAGCTGGGCAGCCCTGTGTTCCCTACCAAGTGTGGGCATAGGACCTGCTGGCTGGC
 ACCGCTTCTGGTACCAGGTGGTATTCTGGGCATCCGGTGCCTTCAGCGGCTCATCT
 GGGTTGTGCTGACCCCTAGATGGCCGGATGGGCATGAGGTGGCCAAGGATGCTGTGTCTG
 TACGGCTGCTGCAGGCACTCAGTGAAGTGGGGCAACCTCCTGTGGTCTGCTGGGGCTG
 AGGCAGGTACCATGGTTAAACAGTGACTCCATTCTTCTCCACAGGCACCTGAATGGGC
 ATGCAGAGCCTGTGTAGGCCCATCCCAGCAGGCTGGTGGCCACTTCTGACCCCA
 AAGGTGGGAGGGGCATGGGCCAGGCCATCAGCCTCCCTGCTGGGACAGGGACCTATG
 GCACCTGGGGCAGCTTGGGTTGGGTTAAGTTGGTGGAGGGCCTTGCCTCCCGCT
 CCAGCCAGGGTCCAACCTGACCCAGTGATCTTCCATGGCCGTTCTTGTCCACCCCA
 CCCGATCATACTTCCCGCTGTCACAGCTTAGCATGAATCTTCTTTATTGCTCCTGAT
 TTGTCTCTTTGTTGGTTTTTATTTGTGGGAAGGGCAGCTGAGCCAAAGGGTCAAGAA
 TTCTGCCCTTTGCCTCCACCACATGGCATTCTGGTTTTGGTTTTCTGTATAGTTTTGGGTC
 TTTCTATGCTGGTTGATTTATATTAACCCCTGGTTAGTATAAAAAAAAAAAAAAAAAAAAA
 AAA
 A

5' Read Nucleotide Sequence: >OriGene 5' read for NM_194249 unedited
 TCAGAATTTTGAATACGACTTCACTATAGGGCGCGCGATTCCCGGGATGGAGGAAGT
 TATAAAGAGGGTACGAGGGGGCCAGCTGGAGAGCCATGCAGTCCAAGCGGGATTGTGAGC
 TGTGGTGTGAGAGGGTGAATCCAGAGAACAAGGCGGCGCTGGAGGCGTGGTCAAGGAGA
 CAGGCATCCGCTGGTGCAGGTGAACGGGCAGAGGAAGTATGGCGGGCCACCCCAAGCT
 GGGTGGGCAGCCCGCCAGCTGGGTGAGAGGTGTTTCATCGGGCGCTGCCTCAGGACG
 TGTACGAGCACCAGCTTATCCCGCTGTTCCAGCGCTGGGCCGCTTACGAGTTCGCGC
 TGATGATGACCTTCAGCGGCTGAACCGCGCTTCGCCTATGCCCGCTACAGCTCGAGGC
 GCGGCGCGCAGGCCGCCATCGCCACGCTGCACAACCATCCGCTGCGGCCGCTCCTGCCCGC
 TGCTCGTGTGCCGACGACCGAGAAGTGTGAGCTGAGCGTTGACGGCCTGCCGCCGAATC
 TGACCCGACGCGCTGCTGCTCGCGCTGCAGCCGCTGGTCCCAGCTTGCANGAGGGCGC
 GGCTGCTGCCAGCCCGGACCGCGCCCGNCAGATCGCTCTGCTCAATCAGCTCGCAC
 CGGGCCGCTGCCATGGGCAAAAAGCCCTGGTGGAAAGGCAGTCACACCTCTGTGAGAAG
 CAGTGGCTTGTGAATGGCTCAAGCCAGACCTGAAGCAACGACTTCCCCAGCACTGGGGG
 TTCTTCTTGGCGGTCCCAAGCCAGAGGGCAACCAAGTTGGCTTTGGCCAGGAAAGTTAA
 GGTCCCAGGGGCTCGGGCTTCCCGAATTGCTTGGCCAACAAAGAACCGGGCCACCCCTG
 TTTTTCTCCCAGAGTTGGGGCTAAGAT

Restriction Sites: Please inquire
ACCN: NM_194249

Insert Size:	1681 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:	NM_194249.1 , NP_919225.1
RefSeq Size:	1681 bp
RefSeq ORF:	1062 bp
Locus ID:	373863
UniProt ID:	Q8IYX4
Cytogenetics:	5q31.3
Gene Summary:	This gene encodes a protein that binds to microRNA-targeting sequences of mRNAs, inhibiting microRNA-mediated repression. Reduced expression of this gene has been implicated in tongue squamous cell carcinoma. Two pseudogenes of this gene are located on the long arm of chromosome 17. [provided by RefSeq, Dec 2010]