

Product datasheet for **RN208356**

Dbn1 (NM_031024) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dbn1 (NM_031024) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dbn1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208356 representing NM_031024
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCGGCGTCAGCTTCAGCGGCCACCGCTGGAGCTGCTGGCGGCGTACGAGGAGGTGATCCGGGAGG
 AGAGTGCAGCCGACTGGGCTCTGTACACTTACGAAGATGGCTCAGATGACCTCAAGCTTGCAGCATCAGG
 AGAAGGAGGCTTGCAGGAGCTTTTCAGGCCACTTCGAGAACCAGAAAGTGATGTACGGTTTCTGCAGCGTC
 AAGGACTCCCAGGCTGCCTTGC AAAATATGTGCTCATCAACTGGGTTGGTGAGGATGTGCCTGATGCC
 GAAAATGTGCTTGTGCCAGCCATGTGGCCAAGGTGGCTGAATTCTCCAGGGCGTTGACGTAATTGTGAA
 TGCCAGCAGTGTGGAGGATATCGATGCTGGCGCCATTGGGCAGCGGCTCTCCAATGGACTGGCTCGGCTC
 TCTAGCCCAGTGTGCACCGCTGCGCCTTCGGGAGGATGAGAATGCTGAGCCGGTGGGCACCACCTACC
 AGAAGACGGATGCGGCCGTGGAGATGAAGCGGATTAACCGTGAGCAGTTTTGGGAGCAGGCCAAGAAGGA
 GGAGGAGCTGCGGAAGGAGGAGGAGCGGAAGAAGGCTTTGGATGCCAGGCTCAGTTTTGAGCAGGAGCGG
 ATGGAGCAGGAGCGGCAGGAGCAGGAGGAACGGGAACGGCGCTACCGAGAGCGGGAGCAGCAGATCGAGG
 AGCACAGGAGGAAACAGCAGAGTCTGGAAGCTGAAGAGGCCAAGAGGAGGTTAAAGGATCAGTCTATCTT
 TGGTGATCAGCGAGATGAAGAGGAAGAGTCCCAGATGAAGAAGTCGGAATCTGAGGTGGAGGAGGCAGCT
 GCCATCATTGCCAGCGGCTGATAACCCACGGGAGTTCTTCAGACAGCAGGAACGAGTGGCTTCAGCCT
 CTGGTGGCAGCTGTGACGCACCCCTCGCCCTTCAACCACCGACCAGGTCGTCCTACTGCCCTTTCATAAA
 GGCATCGACAGTGGGCTTCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCT
 ATCACCTGCCACCGCACCCAAACCTCTCTTCTCCTCCCATGCAGTCACTGGACAGCCACCGGAGGA
 TGCGGCCCCTCCATTCCACCCGGAGCCCATCTGATTCCAGCACAGCCTCCACCCCATCACGGAGCA
 GATCGAGAGGGCCCTGGATGAGGTACATCCTCGCAGCCTCCACCCACCTCCACCCACCCACCCACAGCT
 CAAGAGGCCAGGAGTCTGCTCCAGACTGGACGGTGAAGAGGTCTGCAAGGAGGCCAAAGTAGCAGCAG
 CTCCTCAGGTCTGGGCTGGCTGTGCAGAGGAGCCTCCTCGGGCACAGGAACCTCCCTGTGCAAGCAG
 CCCCACGGAGGACTTGATGTGCACAGAATCTCCTGAGCAGGCTGTCTGGCGGCCCTCCAGAGCCTGAT
 GCCTCTGTCACTCAGTAGTGTGCTCATGCAGCTGACACCATCGAGACCACCTGCCACTACTGCCA
 CCACTATTGCCGACAACGTACCCCTGCCCGCCAGCCTCATTGATCTGTGGCTGGTAACGGGGAAGA
 GGCTCAACGCCTCAGGCTGAACCCAGGGTGCCACCCACCCCTCAGGTGCTGAGGCTCCCTGGCAGAG
 GTCCCTCTGTTGAATGAGGCAGCTCAGGAGCCGCTGCCACCAGTGGCGAAGGCTGTGCCAACCTTCTTA
 ATTTTCGATGAGCTGCCAGAACCTCCAGCCACCTTCTGTGACCCAGAGGAGGAAGCCGAAGGAGAGCCGCT
 GGCTGCCTCCCAGGTCTAACTATGCCCTCAGCCCTAGAGGAGGTAGATCAGGTGTTGGAGCAGGAGTTG
 GAGCCAGAACCTCATCTGCTGACCAATGGAGAGACCCTCAGAAGGAGGGGAGCCAGCAGGCCAGCGAAG
 GATACTTCAGTCAGTACAGGAGGAAGAATTCGCCCAATCAGAAGAGCCATGTGCAAAGGCTCCACCTCC
 TGTATTCTACAACAAGCCTCCAGAAATCGACATCACCTGCTGGGATGCAGACCCAGTTCCTGAAGAGGAA
 GAGGGCTTCGAGGGTGGTAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_031024

Insert Size: 2124 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:	<u>NM_031024.1</u> , <u>NP_112286.1</u>
RefSeq Size:	2697 bp
RefSeq ORF:	2124 bp
Locus ID:	81653
UniProt ID:	<u>Q07266</u>
Cytogenetics:	17p14
Gene Summary:	may play a role in neurite outgrowth [RGD, Feb 2006]