

## Product datasheet for **SC210169**

### Drebrin (DBN1) (NM\_004395) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Drebrin (DBN1) (NM\_004395) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** DBN1  
**Synonyms:** D0S117E  
**ACCN:** NM\_004395  
**Insert Size:** 853 bp  
**Insert Sequence:** >SC210169 3'UTR clone of NM\_004395  
 The sequence shown below is from the reference sequence of NM\_004395. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGGAGGAGGGCTTCGAGGGTGGTGATAGCGGTGGCGCCAGCCCTAGGCTACCCTTGCCAAGGCCGCC
CACCTGCATCAGCCTCTGGCCAGACGGCCCGCCGTGCCTGCATTCGACGAGCTCCGCCTGGCACCAC
TCCGGATTCCGGCCCTGGCTGGGACTTGGCCGCTTCCCTACCCACAGGGCCTGACTTTTACAGCTTTT
CTCTTTTTTTAAAAAGTTGATAGGAGACTGTACAGTTGACTGGCTTTCCTCTCGTTGGTAGTTGAGAC
GCTGTTGCAAATCCACCCTCCTTCCCTGGTCCAGATTGTAGCTCTTAGTCTCCTCCCTGCTCAGCTGGC
CGGTTGGAGGCCTCACCTGCTTGGGGCTGGCGTGGGGGAGCTCTGGTGGGAAAATGTCCCCACC
TCTTTTCTAGTTTTATGTTTCTGGGAAAATATCACTTTGTATTCTCTGTCCAGGGCTCAGATATTT
TGCACGAATTTAAAACATGGCAATAAATGGCTCGTGGGCTCTGGCTCCCTGGGACCCCTCCCCGCC
TTCTTTTGACCCCTTCTGTCTGGCCAAAGGAAGTAGCAGGCCAGCTGGGCCCCTCGGCTACCCCC
CGTCTCCTGCCGGCAGTCCCAGTTGGAGGCCCTAGGCGCGGTTACAGGTCAGGGCTATGGATGGGGC
CCAGGGGCTTTGGTGGCCCTCCCAACTCCTTCTCTTTGCTTGGGTTCTTTTTACAGTTTAGTAAC
TGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGGAAAGCACAAACTTCTGTAAACGGGTCGTGCTCATGTCT
GTTAATAAAGAAATCCAGATCCCTT
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI  
**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_004395.4</a>
<b>Summary:</b>	The protein encoded by this gene is a cytoplasmic actin-binding protein thought to play a role in the process of neuronal growth. It is a member of the drebrin family of proteins that are developmentally regulated in the brain. A decrease in the amount of this protein in the brain has been implicated as a possible contributing factor in the pathogenesis of memory disturbance in Alzheimer's disease. At least two alternative splice variants encoding different protein isoforms have been described for this gene. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	1627
<b>MW:</b>	30.8