

Product datasheet for RC200372L3

OriGene Technologies, Inc.

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Drebrin (DBN1) (NM_004395) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Drebrin (DBN1) (NM_004395) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Drebrin
Synonyms: D0S117E
Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

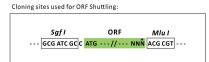
E. coli Selection: Chloramphenicol (34 ug/mL)

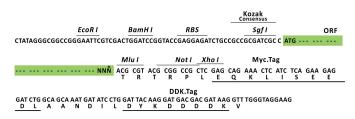
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC200372).

Sgfl-Mlul

Sequence:

Restriction Sites: Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_004395

ORF Size: 1947 bp





Drebrin (DBN1) (NM_004395) Human Tagged Lenti ORF Clone - RC200372L3

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: 1. Centrifuge at 5,000xg for 5min.

5q35.3

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 004395.2

RefSeq Size: 2942 bp RefSeq ORF: 1950 bp Locus ID: 1627

UniProt ID: Q16643

Domains: ADF

Cytogenetics:

MW: 71.4 kDa

Gene Summary: 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]