

Product datasheet for RN216668

Dbnl (NM_001277211) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dbnl (NM_001277211) Rat Untagged Clone
Tag: Tag Free
Symbol: Dbnl
Synonyms: abp1; Sh3p7
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216668 representing NM_001277211
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGTGAACCTGAGCCGGAACGGGCCGGCGCTGCAGGAGGCCTATGTGCGGGTGGTCACCGAGAAAT
 CCCCAGCCGACTGGGCTCTTTTTACCTATGAAGGCAACAGCAATGACATCCGTGTGGCTGGCACAGGGGA
 GGGAGGCTGGAGGAGCTGGTGGAGGAGCTCAACAGCGGAAGGTGATGTACGCCTCTGCAGGGTGAAG
 GACCCCAACTCTGGCCTGCCAAGTTTGTCTCATCAACTGGACAGGCGAGGGTGTGAATGATGTGCCAA
 AAGGAGCATGTGCCAACACGTCAGCACCATGGCCAACCTCCTAAAGGGTGCCCATGTGACCATCAACGC
 ACGGGCTGAGGAAGATGTGGAGCCTGAGTGCATCATGGAGAAGGTTGCCAAGGCTTCTGGGGCTAATTAC
 AGCTTCCATAAGGAAAGCAGCTGCTCCAGGATGTGGGGCCTCAGGCCCCAGTGGGCTCTGTGTACCAGA
 AGACCAATGCCGTGTCTGAGATCAAGAGAGTTGGCAAGGATAACTTCTGGGCCAAAGCTGAGAAGGAGGA
 GGAGAACCGCCGCTGGAGGAGAAGCGGGGGCTGAAGAGGAGAAGCAGCGGCTGGAGGAGGAGCGGGCGG
 GAGCGGAGCTGCAGGAGGCTGCCCGACGGGAACAACGCTACCAGGAACAGCACAGATCAGCTGGACCCC
 CAAGCCCTCCAGCAGGACAGGTGAAGTGGAGCAAGAGGTGGTTTCAAGGAGCAGACAGGAATGGGAGTC
 TGCTGGGCAGCAGGCCCCACCCACGGGAGATTTTCAAGCAGAAGGAAAGGGCTATGTCCACCACCTCT
 GTCTCCAGCTCTCAGCCAGGCAAGCTGAGGAGCCCTTCTGCAGAAGCAGTTCACTCAACCAGAAGCTT
 CCTATGGCCGAGAGCCCCTTCTCTGTGTACGGCCTGCAGCAGGTGTCTGCGAGGAGCTGGCACCCAG
 CACTCCGCCCTCAGCCAGACAGACGATGAACCTACATATGAAGTGCCCTCCGAGCAGGAGACCCTGTAC
 GAGGAACCACCACCGTCCAGCAGCCAGGGGCTGGCTCCGGACACATTGACAACATACGACAGCCAGG
 ACCTCAGTGGGAAGGACTGTGCGCTCGGGCTTGTACGACTACCAGGCAGCTGACGACACGGAGATCTC
 CTTTGACCCTGAGAACCTAATCACAGGCATCGAGGTGATTGACGAAGGCTGGTGGCGTGGCTATGGCCCT
 GACGGCCACTTTGGCATGTTTCTGCCAACTATGTGGAGCTCATAGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001277211
Insert Size:	1311 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001277211.1</u> , <u>NP_001264140.1</u>
RefSeq Size:	2295 bp
RefSeq ORF:	1311 bp
Locus ID:	83527
UniProt ID:	<u>Q9JHL4</u>
Cytogenetics:	14q21
Gene Summary:	actin-binding protein involved in actin cytoskeleton organization in dendrites [RGD, Feb 2006] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.