

Product datasheet for RN216659

Dbnl (NM_001277212) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dbnl (NM_001277212) 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:	>RN216659 representing NM_001277212 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGTGAACCTGAGCCGGAACGGGCCGGCGCTGCAGGAGGCCTATGTGCGGGTGGTCACCGAGAAAT
CCCCGACCGACTGGGCTCTTTTTACCTATGAAGGCAACAGCAATGACATCCGTGTGGCTGGCACAGGGGA
GGGAGGCTGGAGGAGCTGGTGGAGGAGCTCAACAGCGGAAGGTGATGTACGCCTCTGCAGGGTGAAG
GACCCCAACTCTGGCCTGCCAAGTTTGTCTCATCAACTGGACAGGCGAGGGTGTGAATGATGTGCGAA
AAGGAGCATGTGCCAACACGTCAGCACCATGGCCAATTCTAAAGGGTGCCCATGTGACCATCAACGC
ACGGGCTGAGGAAGATGTGGAGCCTGAGTGCATCATGGAGAAGGTTGCCAAGGCTTCTGGGGCTAATTAC
AGCTTCCATAAGGAAAGCAGCTGCTCCAGGATGTGGGGCCTCAGGCCCCAGTGGGCTCTGTGTACCAGA
AGACCAATGCCGTGTCTGAGATCAAGAGAGTTGGCAAGGATAACTTCTGGGCCAAAGCTGAGAAGGAGGA
GGAGAACCGCCGCTGGAGGAGAAGCGGGCGGCTGAAGAGGAGAAGCAGCGGCTGGAGGAGGAGCGGCGG
GAGCGGGAGCTGCAGGAGGCTGCCGACGGGAACAACGCTACCAGGAACAGCACAGATCAGCTGGACCCC
CAAGGACAGGTGAACGGAGCAAGAGTGGTTTCAAGGAGCAGACAGGAATGGGAGTCTGCTGGGACAGCA
GGCCCCACCCACGGGAGATTTTCAAGCAGAAGGAAAGGGCTATGTCCACCACCTCTGTCTCCAGCTCT
CAGCCAGGCAAGCTGAGGAGCCCTTCTGCGAGAAGCAGTTCACTCAACCAGAAGCTTCTATGGCCGAG
AGCCCACTTCTCTGTGTACGGCCTGCAGCAGGTGTCTGCGAGGAGCTGGCACCCAGCACTCCGCCCTC
AGCCAGACAGACGATGAACCTACATATGAAGTGCCTCCGAGCAGGAGACCCTGTACGAGGAACCACCA
CCGGTCCAGCAGCCAGGGGCTGGCTCCGGACACATTGACAACATCATGCAGAGCCAGGACCTCAGTGGGC
AAGGACTGTGCGCTCGGGCTTGTACGACTACCAGGCAGCTGACGACACGGAGATCTCTTTGACCTGA
GAACCTAATCACAGGCATCGAGGTGATTGACGAAGGCTGGTGGCGTGGCTATGGGCTGACGGCCACTTT
GGCATGTTTCTGCCAATATGTGGAGCTCATAGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001277212
Insert Size:	1299 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_001277212.1</u> , <u>NP_001264141.1</u>
RefSeq Size:	2283 bp
RefSeq ORF:	1299 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 (3) uses an alternate splice site in the coding region, compared to variant 1. The encoded isoform (3) is shorter, compared to 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.