

## Product datasheet for RN216655

### Dbnl (NM\_001277213) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dbnl (NM_001277213) 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:	>RN216655 representing NM_001277213 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGGTGAACCTGAGCCGGAACGGGCCGGCGCTGCAGGAGGCCTATGTGCGGGTGGTCACCGAGAAAT  
CCCCGACCGACTGGGCTCTTTTACCTATGAAGGCAACAGCAATGACATCCGTGTGGCTGGCACAGGGGA  
GGGAGGCTGGAGGAGCTGGTGGAGGAGCTCAACAGCGGGAAGGTGATGTACGCCTCTGCAGGGTGAAG  
GACCCCAACTCTGGCCTGCCAAGTTTGTCTCATCAACTGGACAGGCGAGGGTGTGAATGATGTGCGAA  
AAGGAGCATGTGCCAACACGTCAGCACCATGGCCAATTCTAAAGGGTGCCCATGTGACCATCAACGC  
ACGGGCTGAGGAAGATGTGGAGCCTGAGTGCATCATGGAGAAGGTTGCCAAGGCTTCTGGGGCTAATTAC  
AGCTTCCATAAGGAAAGCAGCTGCTCCAGGATGTGGGGCCTCAGGCCCCAGTGGGCTCTGTGTACCAGA  
AGACCAATGCCGTGTCTGAGATCAAGAGAGTTGGCAAGGATAACTTCTGGGCCAAAGCTGAGAAGGAGGA  
GGAGAACCGCCGCTGGAGGAGAAGCGCGGGCTGAAGAGGAGAAGCAGCGGCTGGAGGAGGAGCGGGCGG  
GAGCGGAGCTGCAGGAGGCTGCCGACGGGAACAACGCTACCAGGAACAGCACAGATCAGTGGACCCC  
CAAGGACAGGTGAACCTGGAGCAAGAGTGGTTTCAAGGAGCAGACAGGAATGGTCTGCTGGGCAGCAGGC  
CCCACACCCACGGGAGATTTTCAAGCAGAAGGAAAGGGCTATGTCCACCACCTCTGTCTCCAGCTCTCAG  
CCAGGCAAGCTGAGGAGCCCTTCTGCAGAAGCAGTTCACTCAACCAGAAGCTTCTATGGCCGAGAGC  
CCACTTCTCTGTGTACGGCCTGCAGCAGGTGTCTGCGAGGAGCTGGCACCCAGCACTCCGCCCTCAGC  
CCAGACAGACGATGAACCTACATATGAAGTGCCCTCCGAGCAGGAGACCTGTACGAGGAACCACCACCG  
GTCCAGCAGCCAGGGCTGGCTCCGGACACATTGACAACATACATGCAGAGCCAGGACCTCAGTGGGCAAG  
GACTGTGCGCTCGGGCTTGTACGACTACCAGGCAGCTGACGACACGGAGATCTCCTTTGACCCTGAGAA  
CCTAATCACAGGCATCGAGGTGATTGACGAAGGCTGGTGGCGTGGCTATGGCCCTGACGGCCACTTTGGC  
ATGTTTCTGCCAACTATGTGGAGCTCATAGAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001277213
<b>Insert Size:</b>	1296 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001277213.1</a></u> , <u><a href="#">NP_001264142.1</a></u>
<b>RefSeq Size:</b>	2280 bp
<b>RefSeq ORF:</b>	1296 bp
<b>Locus ID:</b>	83527
<b>UniProt ID:</b>	<u><a href="#">Q9JHL4</a></u>
<b>Cytogenetics:</b>	14q21
<b>Gene Summary:</b>	actin-binding protein involved in actin cytoskeleton organization in dendrites [RGD, Feb 2006] Transcript Variant: This variant (4) uses two alternate splice sites in the coding region, compared to variant 1. The encoded isoform (4) 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.