

Product datasheet for **RN209574**

Dbnl (NM_031352) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Dbnl (NM_031352) 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: >RN209574 representing NM_031352
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGTGAACCTGAGCCGGAACGGGCCGGCGCTGCAGGAGGCCTATGTGCGGGTGGTCACCGAGAAAT
 CCCCAGCCGACTGGGCTCTTTTACCTATGAAGGCAACAGCAATGACATCCGTGTGGCTGGCACAGGGGA
 GGGAGGCTGGAGGAGCTGGTGGAGGAGCTCAACAGCGGAAGGTGATGTACGCCTCTGCAGGGTGAAG
 GACCCCAACTCTGGCCTGCCAAGTTTGTCTCATCAACTGGACAGGCGAGGGTGTGAATGATGTGCGAA
 AAGGAGCATGTGCCAACACGTCAGCACCATGGCCAACCTCCTAAAGGGTGCCCATGTGACCATCAACGC
 ACGGGCTGAGGAAGATGTGGAGCCTGAGTGCATCATGGAGAAGGTTGCCAAGGCTTCTGGGGCTAATTAC
 AGCTTCCATAAGGAAAGCAGCTGCTCCAGGATGTGGGGCCTCAGGCCCCAGTGGGCTCTGTGTACCAGA
 AGACCAATGCCGTGTCTGAGATCAAGAGAGTTGGCAAGGATAACTTCTGGGCCAAAGCTGAGAAGGAGGA
 GGAGAACCGCCGCTGGAGGAGAAGCGGGCGGCTGAAGAGGAGAAGCAGCGGCTGGAGGAGGAGCGGGCGG
 GAGCGGGAGCTGCAGGAGGCTGCCGACGGGAACAACGCTACCAGGAACAGCACAGATCAGCTGGACCCC
 CAAGCAGGACAGGTGAAGTGGAGCAAGAGGTGGTTTCAAGGAGCAGACAGGAATGGGAGTCTGCTGGGC
 GCAGGCCACACCCACGGGAGATTTTCAAGCAGAAGGAAAGGGCTATGTCCACCACCTCTGTCTCCAGC
 TCTCAGCCAGGCAAGCTGAGGAGCCCTTCTGCAAGAAGCAGTTCACTCAACCAGAAGCTTCTATGGCC
 GAGAGCCCACTTCTCTGTGTCACGGCCTGCGAGGAGTCTGCGAGGAGCTGGCACCCAGCACTCCGCC
 CTCAGCCAGACAGACGATGAACCTACATGAAGTGCCTCCGAGCAGGAGACCCTGTACGAGGAACCA
 CCACCGGTCCAGCAGCCAGGGGCTGGCTCCGGACACATTGACAACTACATGCAGAGCCAGGACCTCAGTG
 GGCAAGGACTGTGCGCTCGGGCCTGTACGACTACCAGGCAGCTGACGACACGGAGATCTCCTTTGACCC
 TGAGAACCTAATCACAGGCATCGAGGTGATTGACGAAGGCTGGTGGCGTGGCTATGGCCCTGACGGCCAC
 TTTGGCATGTTTCTGCCAACTATGTGGAGCTCATAGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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|-------------------------------|--|
| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_031352 |
| Insert Size: | 1302 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). |
| 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: | NM_031352.2 , NP_112642.1 |
| RefSeq Size: | 2286 bp |
| RefSeq ORF: | 1302 bp |
| Locus ID: | 83527 |
| UniProt ID: | Q9JHL4 |
| Cytogenetics: | 14q21 |
| Gene Summary: | actin-binding protein involved in actin cytoskeleton organization in dendrites [RGD, Feb 2006] Transcript Variant: This variant (2) uses an alternate splice site in the coding region, compared to variant 1. The encoded isoform (2) 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. |