

Product datasheet for **RR209574**

Dbnl (NM_031352) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Dbnl (NM_031352) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Dbnl
 Synonyms: abp1; Sh3p7
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR209574 representing NM_031352
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGTGAACCTGAGCCGGAACGGGCCGGCGTGCAGGAGGCCTATGTGCGGGTGGTACCGAGAAAT
 CCCCAGCCGACTGGGCTCTTTTACCTATGAAGGCAACAGCAATGACATCCGTGTGGCTGGCACAGGGGA
 GGGAGGCTGGAGGAGCTGGTGGAGGAGCTCAACAGCGGAAGGTGATGTACGCCTCTGCAGGGTGAAG
 GACCCCAACTCTGGCCTGCCAAGTTTGTCTCATCAACTGGACAGGCGAGGGTGTGAATGATGTGCGAA
 AAGGAGCATGTGCCAACACGTCAGCACCATGGCCAATTCTAAAGGGTGCCCATGTGACCATCAACGC
 ACGGGCTGAGGAAGATGTGGAGCCTGAGTGCATCATGGAGAAGGTTGCCAAGGCTTCTGGGGCTAATTAC
 AGCTTCCATAAGGAAAGCAGCTGCTCCAGGATGTGGGGCCTCAGGCCCCAGTGGGCTCTGTGTACCAGA
 AGACCAATGCCGTGTCTGAGATCAAGAGAGTTGGCAAGGATAACTTCTGGGCCAAAGCTGAGAAGGAGGA
 GGAGAACCGCCCTGGAGGAGAAGCGGGCGGCTGAAGAGGAGAAGCAGCGGCTGGAGGAGGAGCGGGCGG
 GAGCGGGAGCTGCAGGAGGCTGCCGACGGGAACAACGCTACCAGGAACAGCACAGATCAGCTGGACCCC
 CAAGCAGGACAGGTGAAGTGGAGCAAGAGGTGGTTTCAAGGAGCAGACAGGAATGGGAGTCTGCTGGGA
 GCAGGCCACACCCACGGGAGATTTTCAAGCAGAAGGAAAGGGCTATGTCCACCACCTCTGTCTCCAGC
 TCTCAGCCAGGCAAGCTGAGGAGCCCTTCTGCAAGAAGCAGTTCACTCAACCAGAAGCTTCTATGGCC
 GAGAGCCCACTTCTCTGTGTCACGGCCTGCAGCAGGTGTCTGCGAGGAGCTGGCACCCAGCACTCCGCC
 CTCAGCCAGACAGACGATGAACCTACATGAAGTGCCTCCGAGCAGGAGACCCTGTACGAGGAACCA
 CCACCGGTCCAGCAGCCAGGGGCTGGCTCCGGACACATTGACAACTACATGCAGAGCCAGGACCTCAGTG
 GGCAAGGACTGTGCGCTCGGGCCTGTACGACTACCAGGCAGCTGACGACACGGAGATCTCCTTTGACCC
 TGAGAACCTAATCACAGGCATCGAGGTATTGACGAAGGCTGGTGGCGTGGCTATGGGCCTGACGGCCAC
 TTTGGCATGTTTCTGCCAACTATGTGGAGCTCATAGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >RR209574 representing NM_031352
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MAVNLSRNGPALQEAYVRVVTESPTDVALFTYEGNSNDIRVAGTGEGGLEELVEELNSGKVMYAFCRVK
 DPNSGLPKFVLINWTGEGVNDVRKGACANHVSTMANFLKGAHVITINARAEEDVEPECIMEKVAKASGANY
 SFHKSSCFQDVGPQAPVGSVYQKTNVASEIKRVGKDNFWAKAEKEENRRLEEKRRAEEEKQRLEEERR
 ERELQEAARREQRYQEQRHSAGPPSRTGELEQEVVSRSRQEWESAGQQAPHPREIFKQKERAMSTTSVSS
 SQPGKLRSPFLQKQFTQPEASYGREPTSPVSRPAAGVCEELAPSTPPSAQTDDDEPTYEVPSEQETLYEEP
 PPVQQPGAGSGHIDNYMQSDL SQGLCARALYDQAADDEISFDPENLITGIEVIDEGWWRGYGPDGH
 FGMFPANYVELIE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

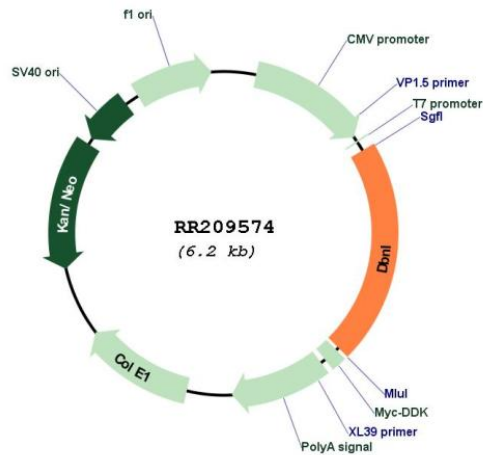
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_031352

ORF Size:	1299 bp
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:	<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
MW:	48.3 kDa
Gene Summary:	actin-binding protein involved in actin cytoskeleton organization in dendrites [RGD, Feb 2006]