

## Product datasheet for **SC105957**

### **DBNDD2 (AL591714) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	DBNDD2 (AL591714) Human Untagged Clone
Tag:	Tag Free
Symbol:	DBNDD2
Synonyms:	C20orf169; dj453C12.4; dj453C12.4.1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for AL591714, the custom clone sequence may differ by one or more nucleotides

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TCTAGGCCGGCAGCGCCTCTCCTCCATGGTCTGTCTGTCAGCGCTGTTTTGGGAGCCCGCCGGTGAGGC
CGGGCCACGCTCAGACACTTCGATCGTCGAGTCTGTCACTGGGCATGGCGGGTCAGTCCGACGCTACGT
GTGGGACCCGCTGCTGATCCTGTGCGAGATCGTCTCATGCAGACCGTGTATTACGGCTCGCTGGGCTG
TGGCTGGCGCTGGTGGACGGGCTAGTGGGAAGCAGCCCTCGCTGGACCAGATGTTGACGCCGAGATCC
TGGGCTTTTCCACCCCTCCAGGCCGGCTCTCCATGATGTCCTTATCCTCAACGCCCTCACCTGTGCCCT
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GCATTGCACTCATGGCTGTCATCGGGGAGTACCTGTGCATGCGGACGGAGCTCAAGGAGATACCCCTCAA
CTCAGCCCTAAATCCAATGTCTAGAATCAGGCCCTTTGGACATCCTGCTGACACTTGGGCCCTTAACA
CCTTGGGCTGCTCAGACCCTCCAGATGAGGTCCAGCCAGATCTGAGAGGAACCTGGAATGTGAAGTC
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GAATGACCTCTGTCTGTTGAAGCCTTGGTATCTGAGAGGTCAGGAAGGGGACCTCTTTGAGGGTAATAAC
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ATCAAGGATATCTGATTGGAGCAAACACTTCTTTAGTCATCTGTCTTACCCCTGGGACAGCTGTTAC
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CATAGCAGGCCATAGGACCCAGAGAAGAAATCCCAGCGTTGCTCAAAGTCTAACCATATAAGACACTGC
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TTCTTTGGCGGGAAGGATGATGGGTTCCAGAGACAAGAAGCCCAACCTTCTGGCCTGGGCTGTGCTG
ATAGTGTGAGGGAGATAGGAATTTGCTGCTAAGATTTTTCTTTGGGGTGGAGTTTCTCTGTGAGGGGC
TTGCAGCTATCCTTCTGTGTATACAAATACAGTATTTTCCATGGTTCTGCCTGCACTTACTTTGTAATG
CCACGGTTGAGATTGAGAGAGATCAGCGCAGCCAGGCAAGGGAACCTTAAAGAATTATTAGGCCACCTTC
TCCCTTCTGGACCCAGAGTCATTCTCCATTTGGTAAAATACTCAGTGCAGGGAACCTTACATCC
TGTCTCCTTCACTTGCAGCGTCCCCTGCTATGCCTCAGGTGAACACATAATTCTGGGTTCCGTTCT
ACTTGCTAGTGATTTCTGAACATGTTCAATGGAGCGGCACACAGTCTAGACCCACTCCGCATTGAAACC
TTCACTGTTCTTGGTTTCTCAGAGCTTTCCAAGAGAGCTGTGAGTTTTAGCTGTGAGTAAAC
AAATGAGTTTATGGTAACACAAATGAGTTTTGCTATCTCTGAGAAGCTCATCTGACCTCTGACTCTC
AGCCCTACAGAGTAGGGAGTTGATGCTGACAGGATGAAGATTTAGGAATAAATATGCCTGGGAAGAGACT
GGGAAGTTCTAGGGTGGAGCACCTCAGTAACATGATACCTTGGCCAAGTTGGAAGGAAGCAGTTTGT
TAATGAGGCACAGTAATCCTGGCTGCAGGGTCTAGGAGGTAAGACCAGCTGGGATGACCTTCCCTGGGTT
AATCAATTTCCCTCTAGACAACACAAATGCAGGCATGTGACTAAGTTTGAAGAACACCCATCATGTGG
CTGCTGTACCCCTTGACCAGCCGTGGTGGTGGTACTCCATCTGTGGTTGGAGCGCCTCTTTGGGATTCA
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TGGTAGTTGGGGATCAAAAATATGTGACCTTAATGAGATTTTTATGATTTCTAAAGTAACAATAAAGCA
GTTTTTAGAGTTGAGTTCCAGAGAGGGCAGGGCAATGGCAGTGACATGTTTGTCAATTTAATAAATAA
ACATCTATTGAGTGCTTAA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for AL591714 unedited GTCAAATTTTGTAAACGACTCACTATTAGGGCGGCCGCGATTTCGGCACGAGCCGTGGTC GCTGGAGCTTTGCCTCTCTAGGCCGGCAGCGCCTCTCCTCCTGGTCTGTCTGTCAGCGC TGTTTTGGGAGCCCGCCGGTGAGGCCGGGCCACGCTCAGACACTTCGATCGTCGAGTCTG TCACTGGGCATGGCGGGTCAGTCCGCAGCTACGTGTGGGACCCGCTGCTGATCCTGTGCG CAGATCGTCCTCATGCAGACCGTGTATTACGGCTCGCTGGGCCTGTGGCTGGCGTGGT GACGGCTAGTGCGAAGCAGCCCTCGCTGGACCAGATGTTTCGACGCCGAGATCCTGGGC TTTTCCACCCCTCCAGGCCGGCTCCATGATGTCCTTCATCCTCAACGCCCTCACCTGT GCCCTGGGCTTGCTGTACTTCATCCGGCGAGGAAAGCAGTGTCTGGATTTCACTGTCACT GTCATTTCTTTACCTCCTGGGCTGCTGGTTCTACAGCTCCCGTTTCCCTCGGCGCTG ACCTGGTGGTGGTCCAAGCCGTGTGCATTGCACTCATGGCTGTCATCGGGGAGTACCTG TGCATGCGGACGGAGCTCAAGGAGATACCCCTCAACTCAGCCCTAAATCCAATGTCTAG AATCAGGCCCTTTGGACATCCTGCTGACACTTGGGCCCTTACACCTTNGCTGCTCAGA CCTNCAGATGAGGTCCAGCCAGATCTGAGAGGACCCTGGAAATGTGAGTCTCTGNTGGT GTGGAGAGATAGTGAGGGCCTGTCAAGAAGGCAGNTAGCAGTCNCATGACAGCTGCAGAT GACCTTGTGTTGAGCCTTGGTCTTGAAAGTCAGAGGGGACTTTTGAGGGTATACCTAAT GGACCTGGCATTGACACATACTGTACAANCTGTGTTTAGAAAAAATCAGTATTTATT GGACAACCAAAAAA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	AL591714
<b>Insert Size:</b>	1000 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>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="#">AL591714.1</a></u> , <u><a href="#">CAC39448.1</a></u>
<b>RefSeq Size:</b>	2679 bp
<b>RefSeq ORF:</b>	2679 bp
<b>Locus ID:</b>	55861
<b>Cytogenetics:</b>	20q13.12
<b>Gene Summary:</b>	May modulate the activity of casein kinase-1. Inhibits CSNK1D autophosphorylation (in vitro). [UniProtKB/Swiss-Prot Function]