

Product datasheet for **SC315405**

DBNDD2 (NM_001048225) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DBNDD2 (NM_001048225) Human Untagged Clone
Tag:	Tag Free
Symbol:	DBNDD2
Synonyms:	C20orf35; CK1BP; HSMNP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315405 representing NM_001048225. Blue=Insert sequence Red=Cloning site Green=Tag(s)

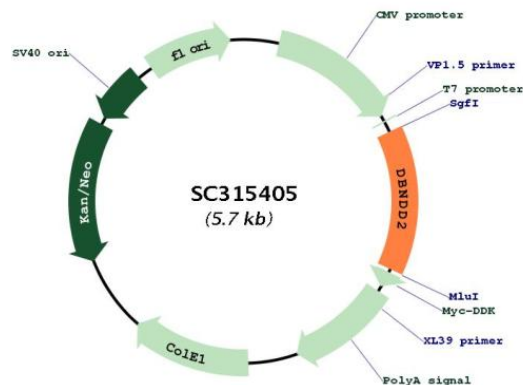
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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGGATCGCC
ATGGAGAGTTGGCATTGGCTGTGTTCCCTGAATACAGAGTATCTCTCTTGTGGTGCCTGGAAGTGGCA
TCCCCTTTGTGGAGCTTAGGGCAAGCCCCGCTCTGCATGAGACTTGGTTTGTGGGACACACTTGGTTT
CAGGGAAGGGGAAAGAGGTACCAAGGGCAGAGGTGTCCAGGCCGAGCCAGGGGCCCACTGTTGGGA
TGCTGGCTGCAGTGGGGCGCCCCAAGCCCAGTCCCCTGTCTTCTCTTTCGACTTTCAGCTGTACT
TGTTTTGCTCCTCTACCCGAGGAGCTGACATGGACCAAATCCTCGGGCCGCCCTGGAGCGCCAGCAG
CTCCGCCCTCGGGAGCGCAAAAATTTCTCGAGGACATTTTACAGCCAGAGACAGAGTTTGTCTTTCCT
CTGTCCCATCTGCATCTCGAGTCGAGAGACCCCCATAGGTAGTATCTCATCCATGGAAGTGAATGTG
GACACACTGGAGCAAGTAGAACTTATTGACCTTGGGGACCCGGATGCAGCAGATGTGTTCTTGCCTTGC
GAAGATCTCCACCAACCCCCAGTCGTCTGGGATGGACAACCATTTGGAGGAGCTGAGCCTGCCGGTG
CCTACATCAGACAGGACCACATCTAGGACCTCCTCCTCCTCCTCCGACTCCTCCACCAACCTGCAT
AGCCCAAATCCAAGTGATGATGGAGCAGATACGCCCTTGGCACAGTCGGATGAAGAGGAGAAAGGGGT
GATGGAGGGGCAGAGCCTGGAGCCTGCAGCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001048225

Insert Size: 792 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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:

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_001048225.2](#)

RefSeq Size: 1440 bp

RefSeq ORF:	792 bp
Locus ID:	55861
UniProt ID:	<u>Q9BQY9</u>
Cytogenetics:	20q13.12
MW:	28.8 kDa
Gene Summary:	<p>May modulate the activity of casein kinase-1. Inhibits CSNK1D autophosphorylation (in vitro). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (5) differs in the 5' UTR and 5' coding region, and uses an alternate start codon, compared to variant 1. The encoded isoform (c) has a distinct and longer N-terminus, compared to isoform a.</p>