

Product datasheet for **RG233332**

DBNDD2 (NM_001197140) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: DBNDD2 (NM_001197140) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: DBNDD2
Synonyms: C20orf35; CK1BP; HSMNP1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG233332 representing NM_001197140
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACCCAAATCCTCGGGCCGCCCTGGAGCGCCAGCAGCTCCGCCTTCGGGAGCGGCAAAAATTCTTCG
 AGGACATTTTACAGCCAGAGACAGAGTTTGTCTTCTCTGTCCCATCTGCATCTCGAGTCGAGAGACC
 CCCCATAGGTAGTATCTCATCCATGGAAGTGAATGTGGACACACTGGAGCAAGTAGAACTTATTGACCTT
 GGGGACCCGGATGCAGCAGATGTGTTCTTGCCCTGCGAAGATCCTCCACCAACCCCCAGTCGTCTGGGA
 TGGACAACCATTTGGAGGAGCTGAGCCTGCCGGTGCCTACATCAGACAGGACCACATCTAGGACCTCCTC
 CTCTCTCTCCGACTCCTCCACCAACCTGCATAGCCCAAATCCAAGTGATGATGGAGCAGATACGCC
 TTGGCACAGTCGGATGAAGAGGAGAAAGGGGTGATGGAGGGGCAGAGCCTGGAGCCTGCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG233332 representing NM_001197140
 Red=Cloning site Green=Tags(s)

MDPNPRAALERQQLRLRERQKFFEDILQPETEFVFLSHLHLESQRPPIGSISSMEVNVDTLEQVELIDL
 GDPDAADVFLPCEDPPPTPQSSGMDNHLEELSLPVPTSDRTTSRTSSSSSSDSSTNLHSPNPSDDGADTP
 LAQSDEEEERGDGGAEPGACS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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:	<u>NM_001197140.2</u>
RefSeq Size:	1044 bp
RefSeq ORF:	486 bp
Locus ID:	55861
UniProt ID:	<u>Q9BQY9</u>
Cytogenetics:	20q13.12
Gene Summary:	May modulate the activity of casein kinase-1. Inhibits CSNK1D autophosphorylation (in vitro). [UniProtKB/Swiss-Prot Function]