

## Product datasheet for **RG233331**

### DBNDD2 (NM\_001197139) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** DBNDD2 (NM\_001197139) 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:** >RG233331 representing NM\_001197139  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGACCCAAATCCTCGGGCCGCCCTGGAGCGCCAGCAGCTCCGCCTTCGGGAGCGGCAAAAATTCTTCG  
 AGGACATTTTACAGCCAGAGACAGAGTTTGTCTTCTCTGTCCCATCTGCATCTCGAGTCGAGAGACC  
 CCCCATAGGTAGTATCTCATCCATGGAAGTGAATGTGGACACACTGGAGCAAGTAGAACTTATTGACCTT  
 GGGGACCCGGATGCAGCAGATGTGTTCTTGCCTTGCGAAGATCCTCCACCAACCCCCAGTCGTCTGGGA  
 TGGACAACCATTTGGAGGAGCTGAGCCTGCCGGTGCCTACATCAGACAGGACCACATCTAGGACCTCCTC  
 CTCTCTCTCCGACTCCTCCACCAACCTGCATAGCCCAAATCCAAGTGATGATGGAGCAGATACGCC  
 TTGGCACAGTCGGATGAAGAGGAGGAAAGGGGTGATGGAGGGGCAGAGCCTGGAGCCTGCAGC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG233331 representing NM\_001197139  
 Red=Cloning site Green=Tags(s)

MDPNPRAALERQQLRLRERQKFFEDILQPETEFVFLSHLHLESQRPPIGSISMEVNVDTLEQVELIDL  
 GDPDAADVFLPCEDPPPTPQSSGMDNHLEELSLPVPTSDRTTSRTSSSSSSDSSTNLHSPNPSDDGADTP  
 LAQSDEEEERGDGGAEPGACS

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI





<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>NM_001197139.2</u>
<b>RefSeq Size:</b>	998 bp
<b>RefSeq ORF:</b>	486 bp
<b>Locus ID:</b>	55861
<b>UniProt ID:</b>	<u>Q9BQY9</u>
<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]