

## Product datasheet for **RG208865**

### DCUN1D2 (NM\_001014283) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DCUN1D2 (NM_001014283) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DCUN1D2
Synonyms:	C13orf17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG208865 representing NM_001014283 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGCATAAGCTTAAATCGTCTCAGAAGGACAAGGTCGCCAGTTTATGGCGTGCACTCAGGCTGGCGAGA  
GAACTGCTATCTACTGCTTAACGCAGAATGAGTGGAGACTAGACGAGGCCACGGACAGCTTCTTCCAAAA  
CCCAGACTCGCTCCACAGGGAGTCCATGCGGAACGCTGTGGACAAGAAGAAGCTGGAGCGGCTGTACGGC  
AGGTACAAAGATCCACAAGATGAAAACAAAATTGGAGTCGATGGGATTCAACAGTTTTGTGATGATCTGA  
GCCTGGATCCTGCCAGTATCAGTGTATTGGTCATAGCGTGAAGTTCAGGGCAGCAACTCAGTGTGAATT  
TAGCAGAAAGGAATTTCTAGATGGCATGACAGAACTTGGGTGTGACAGCATGGAGAAGCTAAAGGCTCTT  
CTGCCAAGACTGGAGCAGGAGCTGAAGGACACAGCCAAGTTTAAAGATTTTTATCAGTTTACCTTCACT  
TCGCTAAGAACCAGGGCAGAAAGGTTTAGACTTAGAAATGGCTGTTGCGTATTGGAAATTAGTGTATC  
TGGAAAGTTTTAAATTTTATAGATCTCTGGAACACATTCTTAATGGAACATCACAAAAGATCAATCCAAGG  
GACACCTGGAACCTCTGCTGGACTTTGGAAACATGATTGCGGATGATATGTCTAACTACGATGAAGAAG  
GAGCTTGGCCCGTTCTTATAGATGATTTGTAGAATATGCACGGCCAGTAGTCACAGGTGAAAAACGCAG  
CCTTTTC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



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**Protein Sequence:** >RG208865 representing NM\_001014283  
 Red=Cloning site Green=Tags(s)

MHKLKSSQKDKVRQFMACTQAGERTAIYCLTQNEWRLDEATDSFFQNPDSLHRESMRNAVDDKKLERLYG  
 RYKDPQDENKIGVDGIQQFCDDLSDPASISVLVIAWKFRAATQCEFSRKEFLDGMTELGCDMSMEKLLKAL  
 LPRLEQELKDTAKFKDFYQFTTFKAKNPGQKGLDLEMAYWKL VLSGRFKFLDLWNTFLMEHHKRSIPR  
 DTWNLLLDLDFGNMIADDMSNYDEEGAWPVLIDDFVEYARPVVTGGKRSLF

TRTRPLE - GFP Tag - V

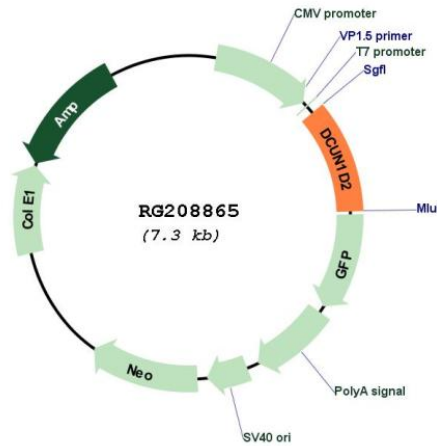
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**Plasmid Map:**



**ACCN:** NM\_001014283

**ORF Size:** 777 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001014283.2</a>
<b>RefSeq Size:</b>	3046 bp
<b>RefSeq ORF:</b>	780 bp
<b>Locus ID:</b>	55208
<b>UniProt ID:</b>	<a href="#">Q6PH85</a>
<b>Cytogenetics:</b>	13q34
<b>Gene Summary:</b>	Potently stimulates the neddylation of cullin components of SCF-type E3 ubiquitin ligase complexes from the NEDD8-conjugating E2 enzyme UBC12. Neddylation of cullins play an essential role in the regulation of SCF-type complexes activity.[UniProtKB/Swiss-Prot Function]