

## Product datasheet for **MG205131**

### Cd2bp2 (NM\_027353) Mouse Tagged ORF Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | Cd2bp2 (NM_027353) Mouse Tagged ORF Clone                                   |
| Tag:                      | TurboGFP  |
| Symbol:                   | Cd2bp2  |
| Synonyms:                 | 1500011B02Rik; 2410024K20Rik; AW048183                                      |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pCMV6-AC-GFP (PS100010)   |
| E. coli Selection:        | Ampicillin (100 ug/mL)  |
| ORF Nucleotide Sequence:  | >MG205131 representing NM_027353<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCAAAGAGGAAAGTGACTTTTCAGGGTGTGGAGATGAGGATGGTGAAGATGAAATCAGTGTGCCCA  
AAAAGAAGCTGGTGGACCCTGTGGCTGCAGCAGGTGGTCTGGGAGCCGCTTCAAAGGCAAGCACTCTTT  
AGACAGTGATGAAGAGGATGATGATGAGGAAGGGTCCAGCAAATATGATATCCTGGCCTCAGAGGATGTA  
GAAGGTCAGGAAGCAGCTACTCTCCTAGTGAGGGCGGTGTGAGGATCACACCCTTCAACCTGCAGGAAG  
AGATGGAGGAAGGCCACTTTGATGCTGATGGCAACTACTTCTGAACCAGGATGCCGAGATCCGAGACAG  
CTGGCTGGACAACATTGACTGGGTGAGGATCAAGGAACGGCCCCCTGATAAGCACCAGGTTTCAGACTCG  
GAGGAGGAAGACAGCCTGGGTCAGACTCCAATGAGCGCCCAAGCACTCCTGGAGGGACTTTTGGAGTTGT  
TGTTGCCAAGAGAGACAGTGGCTGGGGCCCTTAGGCGGCTGGGGGCCGAGGAGGAGGCAAGGGAGCAA  
CAGCAAGGGGACTGGACGGCCCAATCCCCCAGCGGCTAGACCGGCTGTCTGGGTTAGCTGACCAAATG  
GTGGCAGGAGCAACCTTGGTGTGTACCAGAAACAAGGGAACGGTTGGCTATGCGACTGAAGGGTTTGG  
GGTGTCCGGGCCAGGGATCCCATGACCCACACCTCCACCCTCCCTGGACATGTTTGTGAGGAAGTAGC  
AGAGGGTGAAGTGGAAACCCCAACCCCTACCCAAAGAGAGGAGGCAGAGTCAGCAGGAGATGGCCTGATG  
GATGTGATGTGGGAGTATAAATGGGAGAACACGGGGACGCCGAGCTGTATGGACCCTTACCAGTGCCC  
AGATGCAGACGTGGGTGAGTGAAGTTACTTCCGGATGGTGTATTGTCGGAAGCTGGACCCTCCGGG  
CGCCAGTTCTACAACCTCAAGCGCATTGATTTTGGAGCTGTACACG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

**Protein Sequence:** >MG205131 representing NM\_027353  
Red=Cloning site Green=Tags(s)

MPKRKVTFFQGVGDEDEGEDEISVPKKKLVDPVAAAGGPGSRFKGKHSLSDEEDDDEEGSSKYDILASEDV  
 EGQEAATLPSEGGVRIITPFNLQEEMEEGHFDADGNYFLNQDAQIRDSWLDNIDWVRIKERPPDKHQVSDS  
 EEEDSLGQTPMSAQALLEGLLELLLPRETVAGALRRLGARGGGKGSNSKGTGRPNPQLDRLSGLADQM  
 VARGNLGVYQETRERLAMRLKGLGCRAQGSHPDTPPPSLDMFAEEVAEGELETPPTQREEAESAGDGLM  
 DVMWEYKWENTGDAELYGPFPTSAQMQTWVSEGYFPDGVYCRKLDPPGGQFYNSKRIDFELYT

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_027353

**ORF Size:** 1026 bp

**OTI Disclaimer:** 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. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_027353.4](#)

**RefSeq Size:** 3285 bp

**RefSeq ORF:** 1029 bp

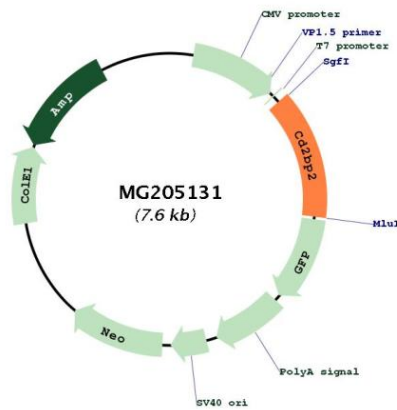
**Locus ID:** 70233

**UniProt ID:** [Q9CWK3](#)

**Cytogenetics:** 7 F3

**Gene Summary:** Involved in pre-mRNA splicing as component of the U5 snRNP complex that is involved in spliceosome assembly.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MG205131