

## Product datasheet for MC227149

### Cd2bp2 (NM\_001285905) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cd2bp2 (NM\_001285905) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cd2bp2  
**Synonyms:** 1500011B02Rik; 2410024K20Rik; AW048183  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227149 representing NM\_001285905  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGCCAAAGAGGAAAGTGACTTTTCAGGGTGTGGAGATGAGGATGGTGAAGATGAAATCAGTGTGCCA  
 AAAAGAAGCTGGTGGACCCTGTGGCTGCAGCAGGTGGTCTGGGAGCCGCTTCAAAGGCAAGCACTCTTT  
 AGACAGTGATGAAGAGGATGATGATGAGGAAGGGTCCAGCAAATATGATATCCTGGCCTCAGAGGATGTA  
 GAAGGTACAGGAAGCAGCTACTCTCCCTAGTGAGGGCGGTGTGAGGATCACACCCTTCAACCTGCAGGAAG  
 AGATGGAGGAAGGCCACTTTGATGCTGATGGCAACTACTTCTGAACCAGGATGCCGAGATCCGAGACAG  
 CTGGCTGGACAACATTGACTGGGTGAGGATCAAGGAACGGCCCCCTGATAAGCACCAGGTTTCAGACTCG  
 GAGGAGGAAGACAGCCTGGGTGAGACTCCAATGAGCGCCCAAGCACTCCTGGAGGGACTTTTGGAGTTGT  
 TGTGCCAAGAGAGACAGTGGCTGGGGCCCTTAGGCGGCTGGGGCCCGAGGAGGAGGCAAAGGGGAGCAA  
 CAGCAAGGGGACTGGACGGCCCAATCCCCCAGCGGCTAGACCGGCTGTCTGGTTAGCTGACCAATG  
 GTGGCAGGAGCAACCTTGGTGTGTACCAGGAACAAGGAACGGTTGGCTATGCGACTGAAGGGTTTGG  
 GGTGTCCGGGCCAGGGATCCCATGACCCACACCTCCACCTCCCTGGACATGTTTGTGAGGAAGTAGC  
 AGAGGGTGAACCTGGAACCCCAACCCCTACCCAAAGAGAGGAGGCAGAGTCAGCAGGAGATGGCCTGATG  
 GATGTGATGTGGGAGTATAAATGGGAGAACACGGGGACGCCGACTGTATGGACCCTTACCAGTGCC  
 AGATGCAGACGTGGGTGAGTGAAGGTTACTTCCGGATGGTGTATTGTGCGAAGCTGGACCCTCCGGG  
 CGGCCAGTTCTACAACCTCAAGCGCATTGATTTTGGAGCTGTACACG**TGA**

**ACGGT**ACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001285905



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<b>Insert Size:</b>	1029 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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><a href="#">NM_001285905.1</a></u> , <u><a href="#">NP_001272834.1</a></u>
<b>RefSeq Size:</b>	3367 bp
<b>RefSeq ORF:</b>	1029 bp
<b>Locus ID:</b>	70233
<b>UniProt ID:</b>	<u><a href="#">Q9CWK3</a></u>
<b>Cytogenetics:</b>	7 F3
<b>Gene Summary:</b>	<p>Involved in pre-mRNA splicing as component of the U5 snRNP complex that is involved in spliceosome assembly.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1-5 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>