

## Product datasheet for MR229362

### Cd2bp2 (NM\_001285907) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cd2bp2 (NM_001285907) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cd2bp2
Synonyms:	1500011B02Rik; 2410024K20Rik; AW048183
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR229362 representing NM_001285907 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCCAAAGAGGAAAGTACTTTTCAGGGTGTGGAGATGAGGATGGTGAAGATGAAATCAGTGTGCCCA  
AAAAGAAGCTGGTGGACCCTGTGGCTGCAGCAGGTGGTCTGGGAGCCGCTTCAAAGGCAAGCACTCTTT  
AGACAGTGATGAAGAGGATGATGATGAGGAAGGGTCCAGCAAATATGATATCCTGGCCTCAGAGGATGTA  
GAAGGTCAGGAAGCAGCTACTCTCCCTAGTGAGGGCGGTGTGAGGATCACACCCTTCAACCTGCAGGAAG  
AGATGGAGGAAGGCCACTTTGATGCTGATGGCAACTACTTCTGAACCAGGATGCCGAGATCCGAGACAG  
CTGGCTGGACAACATTGACTGGGTGAGGATCAAGGAACGGCCCCCTGATAAGCACCAGGTTTCAGACTCG  
GAGGAGGAAGACAGCCTGGGTGAGACTCCAATGAGCGCCCAAGCACTCCTGGAGGACTTTTGGAGTTGT  
TGTTGCCAAGAGAGACAGTGGCTGGGGCCCTTAGGCGGCTGGGGGCCGAGGAGGAGGCAAAGGGAGCAA  
CAGCAAGGGGACTGGACGGCCCAATCCCCCAGCGGCTAGACCGGCTGTCTGGTTAGCTGACCAATG  
GTGGCAGGAGCAACCTTGGTGTGTACCAGGAAACAAGGAACGGTTGGCTATGCGACTGAAGGGTTTGG  
GGTGTGGGCCAGGGATCCCATGACCCACACCTCCACCCTCCCTGGACATGTTTGTGAGGAAGTAGC  
AGAGGGTGAAGTGGAAACCCCAACCCCTACCCAAAGAGAGGAGGAGTCAAGGAGATGGCCTGATG  
GATGTGATGTGGAGTATAAATGGGAGAACACGGGGACGCCGACTGTATGGACCCTTACCAGTGCC  
AGATGCAGACGTGGGTGAGTGAAGGTTACTTCCGGATGGTGTATTGTGCGAAGCTGGACCCTCCGG  
CGGCCAGTTCTACAACCTCAAGCGCATTGATTTTGGCTGTACACG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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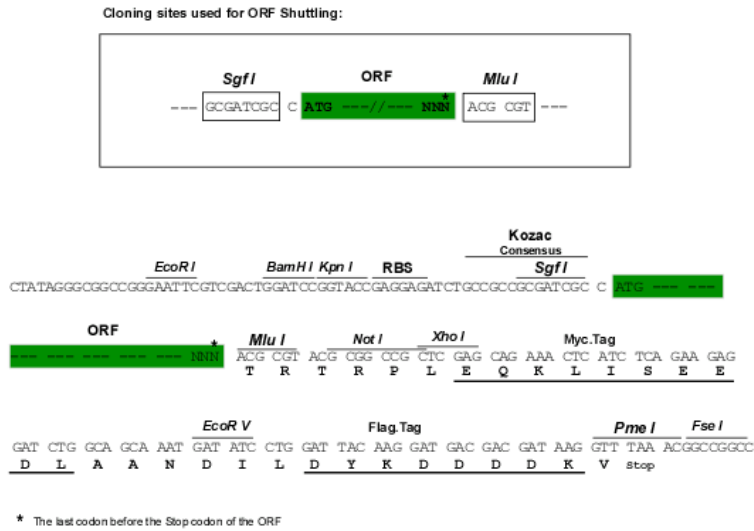
**Protein Sequence:** >MR229362 representing NM\_001285907  
 Red=Cloning site Green=Tags(s)

MPKRKVTFGVGDDEDEGEDEISVPKKKLVDPVAAAGGPGSRFKGKHSLSDEEDDDEEGSSKYDILASEDV  
 EGQEAATLPSEGGVRIITPFNLQEEMEEGHFDADGNYFLNQDAQIRDSWLDNIDWVRIKERPPDKHQVSDS  
 EEEDSLGQTPMSAQALLEGLLELLLPRETVAGALRRLGARGGGKGSNSKGTGRPNSPQRLDRLSGLADQM  
 VARGNLGVYQETRERLAMRLKGLGCRAQGSHPDTPPPSLDMFAEEVAEGELETPPTQREEAESAGDGLM  
 DVMWEYKVENTGDAELYPFTSAQMQTWVSEGYFPDGVYCRKLDPPGGQFYNSKRIDFELYT

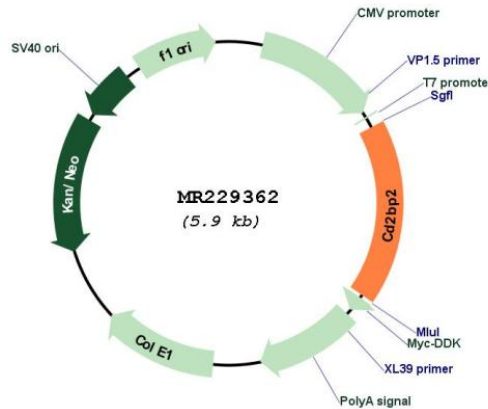
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001285907

**ORF Size:** 1026 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_001285907.1</a> , <a href="#">NP_001272836.1</a>
<b>RefSeq Size:</b>	3509 bp
<b>RefSeq ORF:</b>	1029 bp
<b>Locus ID:</b>	70233
<b>UniProt ID:</b>	<a href="#">Q9CWK3</a>
<b>Cytogenetics:</b>	7 F3
<b>MW:</b>	38.1 kDa
<b>Gene Summary:</b>	Involved in pre-mRNA splicing as component of the U5 snRNP complex that is involved in spliceosome assembly.[UniProtKB/Swiss-Prot Function]