

Product datasheet for **MR229361**

Cd2bp2 (NM_001285906) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd2bp2 (NM_001285906) 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: >MR229361 representing NM_001285906
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCAAAGAGGAAAGTGACTTTTCAGGGTGTGGAGATGAGGATGGTGAAGATGAAATCAGTGTGCCCA
AAAAGAAGCTGGTGGACCCTGTGGCTGCAGCAGGTGGTCTGGGAGCCGCTTCAAAGGCAAGCACTCTTT
AGACAGTGATGAAGAGGATGATGATGAGGAAGGGTCCAGCAAATATGATATCCTGGCCTCAGAGGATGTA
GAAGGTCAGGAAGCAGCTACTCTCCCTAGTGAGGGCGGTGTGAGGATCACACCCTTCAACCTGCAGGAAG
AGATGGAGGAAGGCCACTTTGATGCTGATGGCAACTACTTCTGAACCAGGATGCCGAGATCCGAGACAG
CTGGCTGGACAACATTGACTGGGTGAGGATCAAGGAACGGCCCCCTGATAAGCACCAGGTTTCAGACTCG
GAGGAGGAAGACAGCCTGGGTGAGACTCCAATGAGCGCCCAAGCACTCCTGGAGGGACTTTTGGAGTTGT
TGTTGCCAAGAGAGACAGTGGCTGGGGCCCTTAGGCGGCTGGGGCCCGAGGAGGAGGCAAAGGGAGCAA
CAGCAAGGGGACTGGACGGCCCAATCCCCCAGCGGCTAGACCGGCTGTCTGGTTAGCTGACCAATG
GTGGCAGGAGCAACCTTGGTGTGTACCAGGAAACAAGGAACGGTTGGCTATGCGACTGAAGGGTTTGG
GGTGTGGGCCAGGGATCCCATGACCCACACCTCCACCTCCCTGGACATGTTTGTGAGGAAGTAGC
AGAGGGTGAAGTGAACCCCAACCCCTACCCAAAGAGAGGAGGAGTCAAGGAGATGAGGAGATGGCCTGATG
GATGTGATGTGGAGTATAAATGGGAGAACACGGGGACGCCGAGCTGTATGGACCCTTACCAGTGCC
AGATGCAGACGTGGGTGAGTGAAGGTTACTTCCGGATGGTGTATTGTGCGAAGCTGGACCCTCCGGG
CGGCCAGTTCTACAACCTCAAGCGCATTGATTTTGGCTGTACACG

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229361 representing NM_001285906
 Red=Cloning site Green=Tags(s)

MPKRKVTFGVGDDEDEGEISVPKKKLVDPVAAAGGPGSRFKGKHSLSDEEDDDEEGSSKYDILASEDV
 EGQEAATLPSEGGVRIITPFNLQEEMEEGHFDADGNYFLNQDAQIRDSWLDNIDWVRIKERPPDKHQVSDS
 EEEDSLGQTPMSAQALLEGLLELLLPRETVAGALRRLGARGGGKGSNSKGTGRPNSPQRLDRLSGLADQM
 VARGNLGVYQETRERLAMRLKGLGCRAQGSHPDTPPPSLDMFAEEVAEGELETPPTQREEAESAGDGLM
 DVMWEYKVENTGDAELYGPF TSAQMQTWVSEGYFPDGVYCRKLDPPGGQFYNSKRIDFELYT

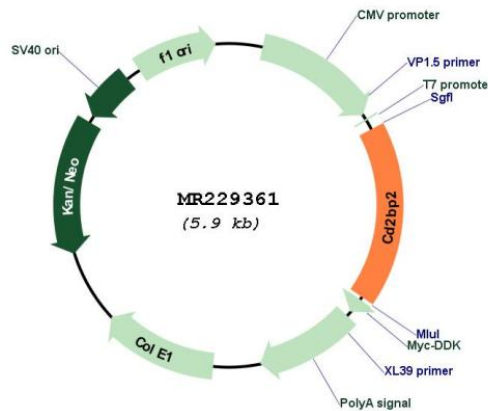
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001285906

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:	<ol style="list-style-type: none">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_001285906.1 , NP_001272835.1
RefSeq Size:	3381 bp
RefSeq ORF:	1029 bp
Locus ID:	70233
UniProt ID:	Q9CWK3
Cytogenetics:	7 F3
MW:	38.1 kDa
Gene Summary:	Involved in pre-mRNA splicing as component of the U5 snRNP complex that is involved in spliceosome assembly.[UniProtKB/Swiss-Prot Function]