

Product datasheet for RC233356

BOD1L2 (NM_001257964) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BOD1L2 (NM_001257964) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BOD1L2
Synonyms:	BOD1P; FAM44C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC233356 representing NM_001257964 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGGACGGTGGCGGGCGGGCAGCGCGGTGCGGGCCCGGCCTCGACCCGGGCCAGCGGGGCGGGC
 GCGCCATCAACCGGCCTCGTTGCCCCCTGGCGACCTCAGCTCATCGCTATCATCGTGGGGCAGCTCAA
 GAGCAGGGGCTTTTGTACAGCTTCGCGGGGACTGCAAGGCTGACGTGGACACCAAGCCAGCTTACCAA
 AACCTGAGCCAGAAAGCGGATAATTTGTGTCGACACATCTGGACAAGCAGGAATGGAATCCTCCAGCAA
 ACGACAACCAACTGCACGATGGTCTGAGGCAGAGTGTGGTTCAGTCAGGGAGGTCAGAAGCTGGAGTGGA
 CAGGATTAGTTCTCAGGTGGTGGATCCAAACTAAACCACATCTTCAGGCCACAAATAGAACAAATAATT
 CATGAATTCCTGGTGGCCAGAAAGAAGCAGCTGTGCCAGCACTCCCTCCAGAGCCAGAAGGCCAGGACC
 CTCCAGCTCCGTCTCAGGACACTTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC233356 representing NM_001257964 Red=Cloning site Green=Tags(s)
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MADGGGGSGGAGPASTRASGGGPPINPASPDPQLIAIIVGQLKSRGLFDSFRRDCKADVDTKPAYQ
 NLSQKADNFVSTHLDKQEWNPANDNQLHDGLRQSVVQSGRSEAGVDRISSQVVDPKLNHIFRPQIEQII
 HEFLVAQKEAAVPALPPEPEGQDPPAPSQDTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:	SgfI-MluI
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Cloning Scheme:



ACCN: NM_001257964

ORF Size: 516 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001257964.2](#)

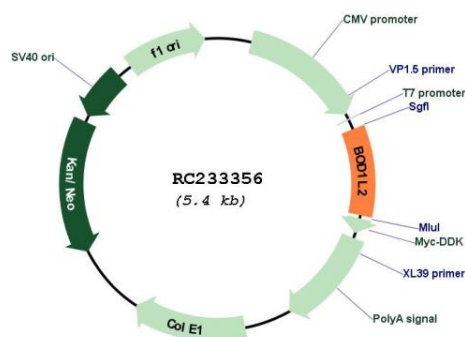
RefSeq Size: 3347 bp

RefSeq ORF: 519 bp

Locus ID: 284257

UniProt ID:	<u>Q8IYS8</u>
Cytogenetics:	18q21.31
MW:	18.5 kDa
Gene Summary:	May play a role in proper chromosome biorientation through the detection or correction of syntelic attachments in mitotic spindles.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC233356