

Product datasheet for **RC237832**

CBWD3 (NM_001291821) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CBWD3 (NM_001291821) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CBWD3
Synonyms:	bA561O23.1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237832 representing NM_001291821 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTTACCGGCTGTTGGATCTGTGGATGAGGAAGAGGATCCTGCGGAGGAGGATTGTCCTGAATTGGTTC
CCATTGAGACGACGCAAAGCGAGGAGGAGGAAAAGTCTGGCCTCGGCCTCAAGATCCCAGTCACAATTAT
CACCGGTATTTAGGTGCTGGGAAGACAACACTTCTGAACTATATTTTGACAGAGCAACATAGTAAAAGA
GTAGCGGTCAATTTAAATGAATCTGGGAAGGAAGTGCCTGGAGAAATCCTTAGCTGTCAGCCAAGGTG
GAGAGCTCTATGAAGAGTGGCTGGAACCTAGAAACGGTTGCCTCTGCTGTTCAAGTGAAGGACAATGGCCT
TAGAGCTATTGAGAATTTGATGCAAAAGAAGGGGAAATTTGATGACATACTGTTAGAGACCACTGGATTA
GCAGACCTGGTATCATAACTATTGTGGATTCAAATAATGATTAAACATTTAACAGAAGAGAAACCTG
ATGGCCTTATCAATGAAGCTACTAGGCAAGTTCCTTTGGCAGATATCATTCTCATTAAATAAACAGACTT
GGTCCAGAAGAAGATGTAAGAAATTAAGAACGACAATTAGATCCATAAATGGACTAGGACAAATCTTA
GAAACACAAGATCAAGAGTTGATCTCTAATGTATTAGATCTTCATGCCTTTGATAGTCTCTCTGGAA
TAAGTTTGCAGAAAAAATTCAGCATGTGCCAGGAACACAACCTCACCTTGATCAGAGTATTGTTACAAT
CACATTTGAAGTACCAGGAAATGCAAAGGAAGAATCTTAATATGTTTATTGAGAATCTCTGTGGGAA
AAGAATGTGAGAAACAAGGACAATCACTGCATGGAGGTCATAAGGCTGAAGGGATTGGTGTCAATCAAAG
ACAAATCACACAAGTATTGTCCAGGGTGTCCATGAGCTCTATGATCTGGAGGAGACTCCAGTGAGCTG
GAAGGATGACACTGAGAGAACAAATCGATTGGTCTCATTGGCAGAAATTTAGATAAGGATATCCTTAA
CAGCTGTTTATAGCTACTGTGACAGAAACAGAAAAGCAGTGGACAACACATTTCAAAGAAGATCAAGTTT
GTACA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237832 representing NM_001291821
Red=Cloning site Green=Tags(s)

MLPAVGSVDEEEDPAEEDCPQLVPIETTQSEEEKSGLGAKIPVTIITGYLGAGKTTLLNYILTEQHRSR
 VAVILNESGEGSALEKSLAVSQGGELYEWELELRNGCLCCSVKDNGLRAIENLMQKKGKFDLLETGL
 ADPGIITIVDSKYGLKHLTEEKPDGLINEATRQVALADILINKTDLVPEEDVKKLRITIRINGLQIL
 ETQRSRVDLSNVLDLHAFDSLGSISLQKQLQHVPGTQPHLDQSIIVTITFEVPGNAKEEHLNMFIQNLLWE
 KNVRNKDNHCMEVIRLKLGLVSIKDKSQQVIVQGVHELYDLEETPVSWKDDTERTNRLVLIGRNLDDKILK
 QLFIAATVTETEKQWTTTFKEDQVCT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

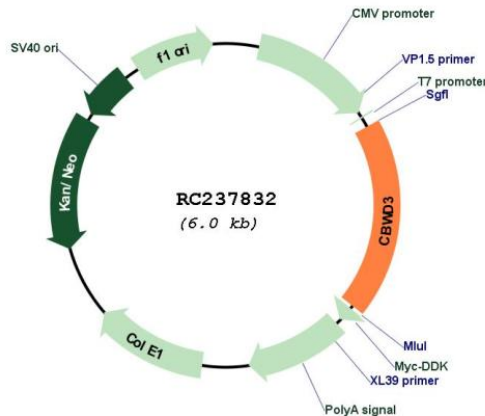
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001291821

ORF Size:	1125 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_001291821.2
RefSeq Size:	1663 bp
RefSeq ORF:	1128 bp
Locus ID:	445571
UniProt ID:	Q5JTY5
Cytogenetics:	9q21.11
MW:	42.3 kDa