

Product datasheet for **RG237832**

CBWD3 (NM_001291821) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CBWD3 (NM_001291821) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CBWD3
Synonyms:	bA561O23.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237832 representing NM_001291821. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGTTACCGGCTGTTGGATCTGTGGATGAGGAAGAGGATCCTGCCGAGGAGGATTGTCCTGAATTGGTT
CCCATTGAGACGACGCAAAGCGAGGAGGAGGAAAAGTCTGGCCTCGGCGCCAAGATCCCAGTCACAATT
ATCACCGGATTTTAGGTGCTGGGAAGACAACACTTCTGAACTATATTTTGACAGAGCAACATAGTAAA
AGAGTAGCGGTCATTTTAAATGAATCTGGGAAGGAAGTGCCTGGAGAAATCCTTAGCTGTCAGCCAA
GGTGGAGAGCTCTATGAAGAGTGGCTGGAACCTAGAAACGGTTGCCTCTGCTGTTTCAGTGAAGGACAAT
GGCCTTAGAGCTATTGAGAATTTGATGAAAAGAAGGGGAAATTTGATGACATACTGTTAGAGACCACT
GGATTAGCAGACCCTGGTATCATAACTATTGTGGATTCAAAATATGGATTAACAGAAATTAACAGAAGAG
AAACCTGATGGCCTTATCAATGAAGCTACTAGGCAAGTTGCTTTGGCAGATATCATTCTCATTAATAAAA
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CAAATCTAGAAACACAAAGATCAAGAGTTGATCTCTCTAATGTATTAGATCTTCATGCCTTTGATAGT
CTCTCTGGAATAAGTTTGCAGAAAAAATTCAGCATGTGCCAGGAACACAACCTCACCTTGATCAGAGT
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GTGTCATCAAAGACAAATCACAACAAGTATTGTCCAGGGTCCATGAGCTCTATGATCTGGAGGAG
ACTCCAGTGAGCTGGAAGGATGACACTGAGAGAACAATCGATTGGTCTCATTGGCAGAAATTTAGAT
AAGGATATCCTTAAACAGCTGTTTATAGCTACTGTGACAGAAAACAGAAAAGCAGTGGACAACACATTTT
AAAGAAGATCAAGTTTGTACA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG237832
 Blue=ORF Red=Cloning site Green=Tag(s)

MLPAVGSVDEEEDPAEEDCELVPIETTQSEEEKSGLGAKIPVTIITGYLGAGKTTLLNYILTEQHSK
 RVAVILNESGEGSALEKSLAVSQGGEL YEEWLELRNGCLCCSVKDNGLRAIENLMQKKGKFDILLET
 GLADPGIITIVDSKYGLKHLTEKPDGLINEATRQVALADIILINKTDLVPEEDVKLRRTTIRSINGLG
 QILETQRSVDLSNVLDLHAFDSLSGISLQKQLQHPVGTQPHLDQSIVTITFEVPGNAKEEHLNMFIQN
 LLWEKNVRNKDNHCMEVIRLKGLVSIKDKSQQVI VQGVHELVDLEETPVSWKDDTERTNRLVLIQRNLD
 KDILKQLFIATVTETEKQWTHFKEDQVCT
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGDFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



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.

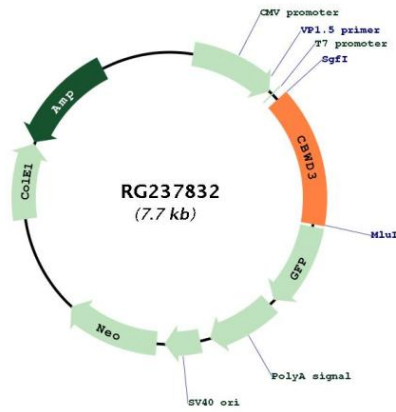
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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

Product images:



Circular map for RG237832