

Product datasheet for **MG206144**

Cbwd1 (NM_146097) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cbwd1 (NM_146097) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Cbwd1
Synonyms: AV349248; BC018472
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG206144 representing NM_146097
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTACCTGCTGTGAAAACCTGTGGAGGCGGAAGAAGAGTACGCGGAGGATTGTCCTGAATTGGTCCCCA
TTGAGACCAAGAACCAAGAAGAGGAAAATCTTGACTTCATCACTAAGATTCCAGTCACAATTGTCACCGG
GTACTTAGGTGCTGGAAGACAACACTTCTGAACTACATTTTGACAGAACAACATAATAGAAAAATAGCA
GTGATTTAAATGAATTTGGAGAAGGGAGTGCAGTAGAGAAATCCTTAGCTGTCAGTCAAGGTGGAGAAC
TCTATGAAGAATGGCTGGAACCTAGAAATGGTTGCCTCTGCTGTTTCAGTCAAGGACAGTGGCCTTAGAGC
TATAGAGAATCTGATGCAAAAGAAGGGCAAGTTTGACTACATACTCTTAGAGACCACTGGGCTAGCAGAT
CCTGGTGCAGTGGCTTCTATGTTTTGGTTGATGCTGAGTTAGGGAGTGATTTTATCTTGATGGTATCA
TAACTGTTGTAGATTCAAAATATGGATTAACATTTAACTGAAGAAAAACCTGATGGCCTTGTCATGA
AGCTACTAGGCAAGTTGCATTGGCAGACATGATTCTCATCAATAAAACAGACTTGGTTTCAGAAGAGGAG
CTAAACAACCTAAGAACAACATATCAGATCAATAAATGGACTGGGAAAAGTTTTAGAACTCAGAGATCAA
GAGTTCATCTCTCAAATATATTAGACCTTCATGCCTATGATATTCTCTGGAATAAGTTTACAGAAAAA
GCTCCAGCATGTGTCAACAGCACCCACCTTGATCAGAGTATTGTTACAGTCACTTTGAAGTACCAGGA
AGTGCAAAGGAAGAGTGTCTAAATGATTTATCCAGAATCTCCTGTGGGAAAAGAACGTGAAAAACAAGG
ACGGCCACTGCATGGAGTCAATTCGGCTAAAGGGACTGGTGTCTATCAAAGACAAACCACAGCAAATGAT
TGTGCAAGGCATCCATGAGCTGTACGACCTGGAAGAAAGCCTAGTGAACCTGGAAGGATGATGCGGAGCGA
CGGTGTGACGTGGTCTTCATTGGTAGAAATTTAGATAAGGATGTTCTTCAACAACCTTCTCTCACTGCTG
TGGCAGAGGCAGAAGAGCAAAGGACAGCACCCAGGCAGAGATGGAGTTTGTCCATCGCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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MLPAVKTVEAEEYAEDCPPELVPIETKNQEEENLDFITKIPVTIVTGYLGAGKTTLLNYILTEQHNKRIA
 VILNEFGEGSAVEKSLAVSQGGELYEEWLELRNGCLCCSVKDSGLRAIENLMQKKGKFDYILLETGLAD
 PGAVASMFVWDAELGSDIYLDGIITVVDSKYGLKHLTEEKPDGLVNEATRQVALADMILINKTDLVSEEE
 LNNLRRTTIRSINGLGKVLLETQRSRVHLSNILDHAYDILSGISLQKKLQHVSTAPHLDQSIIVTTFEVP
 SAKKEECLNVFIQNLWVKNVKNKDGHCMEVIRLKLVSISKDKPQQMIVQGIHELVDLEESLVNWKDDAER
 ACQLVFIGRNLDKDVLLQQLFLTAVAEAEQRTAPGRDGVCP SH

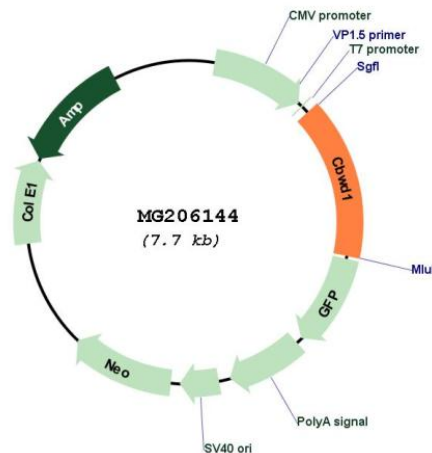
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_146097

ORF Size:	1179 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_146097.1
RefSeq Size:	1375 bp
RefSeq ORF:	1182 bp
Locus ID:	226043
UniProt ID:	Q8VEH6
Cytogenetics:	19 B