

Product datasheet for **MC211993**

Brwd1 (NM_176928) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Brwd1 (NM_176928) Mouse Untagged Clone
Tag: Tag Free
Symbol: Brwd1
Synonyms: 5330419I02Rik; D530019K20Rik; G1-403-16; repro5; Wdr9
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211993 representing NM_176928
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGAGCCTTCGCCGCCGACGTCCGGTGCCTCTCATCGAGTCGGAGCTGTACTTTCTCATCGCCC
GCTACCTCTCAGCTGGCCGTGTCGCCGAGCGGCAGGTGCTGGTGCAGGAGCTGGAGCAGTACCAGCT
GTTGCCGAAGAGTTGGACTGGGAGGGCAACGAGCACAACAGGAGCTACGAGGAATTGGTCTTGCCAAT
AAACATGTGGCTCCTGACCACCTACTACAGATATGCCAGCGCATCGGTCCGATGCTGGATAAGGAGGTCC
CGCCAGTATCTCAAGAGTCACTCTTTGCTTGGTGCAGGAAGGCAGTCTTTGCTACGAACGCAAAAGG
TACCTTAATTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_176928
Insert Size: 363 bp
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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.

RefSeq: [NM_176928.1](#), [NP_795902.1](#)

RefSeq Size: 2284 bp

RefSeq ORF: 363 bp

Locus ID: 93871

Cytogenetics: 16 C4

Gene Summary: May be a transcriptional activator. May be involved in chromatin remodeling. Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the control of cell shape.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) differs in the 3' UTR and CDS compared to variant 1. The resulting isoform (C) is much shorter and has a unique C-terminus compared to isoform A.