

Product datasheet for **MG218689**

Brwd1 (NM_001103179) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Brwd1 (NM_001103179) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Brwd1
Synonyms: 5330419I02Rik; D530019K20Rik; G1-403-16; repro5; Wdr9
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG218689 representing NM_001103179
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGAGCCTTCGCCGCCGACGTCGGTGCCTCTCATCGAGTCGGAGCTGTACTTTCTCATCGCCC
GCTACCTCTCAGCTGGCCGTGTGCGCCGAGCGGCAGGTGCTGGTGCAGGAGCTGGAGCAGTACCAGT
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CTGCAGGCACACAGTGTGGAAGGCTCTGCCTTTGCTGCTCTTACAGAGGAAGACCTCCTGAAATGCC
GTCAATTATGGCCCCCACCAGTCTTGTGGAGATACCCGAGGAAGGCAGCTCACAGGGTGTCCACTT
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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG218689 representing NM_001103179
 Red=Cloning site Green=Tags(s)

MAEPPARRPVPLIESELYFLIARYLSAGPCRRAAQVLVQELEQYQLLPKRLDWEONEHNSYEELVLSN
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 VTPSLQASAEVGVKRRRMHPEVDGEDVPGMGSSGCGPDTSPKASDLGSVTDSDVDCTDNTQTQRKRRK
 GKARVLSK GKPPSSNSPKTARHPRQSKGPRLNVDDNDWEDLDYAKAKGVVRLSKIQTRNQGRRTVRYHGD
 EDRSIESALELTDRTLRP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

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_001103179.1](#), [NP_001096649.1](#)

RefSeq Size: 7547 bp

RefSeq ORF: 6780 bp

Locus ID: 93871

UniProt ID: [Q921C3](#)

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]