

Product datasheet for **MC225248**

Brwd1 (NM_001103179) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Brwd1 (NM_001103179) 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: >MC225248 representing NM_001103179
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCGGAGCCTTCGCCGCCGACGTCGGTGCCTCTCATCGAGTCGGAGCTGTACTTTCTCATCGCCC
GCTACCTCTCAGCTGGCCGTGTCGCCGAGCGGCAGGTGCTGGTGCAGGAGCTGGAGCAGTACCAGT
GTTGCCGAAGAGGTTGGACTGGGAGGGCAACGAGCACAACAGGAGCTACGAGGAATTGGTCTTGCCAAT
AAACATGTGGCTCCTGACCACCTACTACAGATATGCCAGCGCATCGGTCCGATGCTGGATAAGGAGGTCC
CGCCAGTATCTCAAGAGTCACTTCTTTGCTTGGTGCAGGAAGGAGTCTTTGCTACGAACGAAAAGA
CTGCAGGCACACAGTGTGGAAGGGCTCTGCCTTTGCTGCTCTTACAGAGGAAGACCTCCTGAAATGCC
GTCAATTATGGCCCCCACCAGTCTTGTGGAGATACACCGAGGAAGGCAGCTCACAGGGTGTCCACTT
TTAGCACAGCGTCCCAGGAATATGTACCAGCATATAAAGATGCACAGGAGGATTCTTGGACACCTGTC
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AAGGACATGGAGCTGTGTTTACTGCAAGTTTTACAGGATGGACAACATTTTGCCTGTACAGATTCTCA
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GGCAGAGTAAAGTCTAGGTTAAATGTGGATGACAATGACTGGGAGGATTTGGACTATGCAAAAAGCTAA
AGGAGTTGTCCGGCTCTCAAAAATCCAAACGAGAAATCAGGGTAGGAGAACGGTGAGATACCACGATGGG
GAAGATGATAGAAGCATAGAGAGCGCACTAGAGCTCACTGACCGCACCTTACGCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001103179

Insert Size:

6780 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_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]

Transcript Variant: This variant (2) differs in the 3' UTR and CDS compared to variant 1. The resulting isoform (B) is shorter and has a unique C-terminus compared to isoform A.