

Product datasheet for **SC210005**

BRD2 (NM_005104) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: BRD2 (NM_005104) Human 3' UTR Clone
Symbol: BRD2
Synonyms: BRD2-IT1; D6S113E; FSH; FSRG1; NAT; O27.1.1; RING3; RNF3
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_005104
Insert Size: 813 bp
Insert Sequence: >SC210005 3'UTR clone of NM_005104
 The sequence shown below is from the reference sequence of NM_005104. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCAGACACCAGTGATTCACTCAGGCTTAAGGGGTCAGGCCAGATGGGGCAGGAAGGCTCCGCAGGACC
GGACCCCTAGACCACCCTGCCCCACCTGCCCTTCCCCCTTTGCTGTGACACTTCTTCATCTCACCCCC
CCCCGCCCCCTCTAGGAGAGCTGGCTCTGCAGTGGGGGAGGGATGCAGGGACATTTACTGAAGGAGGG
ACATGGACAAAACAACATTGAATCCCAGCCCCATTGGGGAGTGATCTCTTGGACACAGAGCCCCCATT
CAAAATGGGGCAGGGCAAGGGTGGGAGTGTGCAAAGCCCTGATCTGGAGTTACCTGAGGCCACAGCTGC
CCTATTCACTTCTAAGGGCCCTGTTTTGAGATTGTTTGTCTAATTTATTTAAGCTAGGTAAGGCTGG
GGGGAGGGTGGGGCCGTGGTCCCCTCAGCTCCATGGGGAGGGAAGAAGGGGGAGCTCTTTTTTACGT
TGATTTTTTTTTTCTACTCTGTTTTCCCTTTTCCCTCCGCTCCATTTGGGGCCCTGGGGGTTTCAGT
CATCTCCCATTGGTCCCCTGGACTGTCTTGTGATTCTAACTTGAAATAAAGAAAATATTATTCA
AGTTTTGAGTTACCTTAATTTGCTTTTGTAGTGTTCAAAAGGAACATCATAAGAATTGTCTTGATA
ATTTTGAAGGAAATATTACTGCAGTGAGAAAAGGCAATAGCTAACCTATAATTGGATTGTCTTAATTTT
TAAACCAAGTAGGCTTTTGTGTGTTTTAATAAAGTAAATATGACTTTTGTAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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| OTI Disclaimer: | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs). |
| Components: | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials. |
| RefSeq: | <u>NM_005104.4</u> |
| Summary: | This gene encodes a transcriptional regulator that belongs to the BET (bromodomains and extra terminal domain) family of proteins. This protein associates with transcription complexes and with acetylated chromatin during mitosis, and it selectively binds to the acetylated lysine-12 residue of histone H4 via its two bromodomains. The gene maps to the major histocompatibility complex (MHC) class II region on chromosome 6p21.3, but sequence comparison suggests that the protein is not involved in the immune response. This gene has been implicated in juvenile myoclonic epilepsy, a common form of epilepsy that becomes apparent in adolescence. Multiple alternatively spliced variants have been described for this gene. [provided by RefSeq, Dec 2010] |
| Locus ID: | 6046 |
| MW: | 29.8 |