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Product datasheet for SC210006

BRD2 (NM_001113182) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: BRD2 (NM_001113182) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: BRD2

Synonyms: BRD2-IT1; D6S113E; FSH; FSRG1; NAT; O27.1.1; RING3; RNF3

ACCN: NM_001113182

Insert Size: 813 bp

Insert Sequence:

>SC210006 3'UTR clone of NM_001113182
The sequence shown below is from the reference sequence of NM_001113182. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCAGACACCAGTGATTCAGACTCAGGCTAAGGGGTCAGGCCAGATGGGGCAGGAAGGCTCCGCAGGACC
GGACCCCTAGACCACCCTGCCCCACCTGCCCCTTCCCCCTTTGCTGTGACACTTCTTCATCTCACCCCC
CCCCGCCCCCCTCTAGGAGAGCTGGCTCTGCAGTGGGGGAGGGATGCAGGGACATTTACTGAAGGAGGG
ACATGGACAAAACAACATTGAATTCCCAGCCCCATTGGGGAGTGATCTCTTGGACACAGAGCCCCCATT
CAAAATGGGGCAGGGCAAGGGTGGGAGTGTGCAAAGCCCTGATCTGGAGTTACCTGAGGCCACAGCTGC
CCTATTCACTTCTAAGGGCCCTGTTTTGAGATTGTTTGTTCTAATTTATTTTAAGCTAGGTAAGGCTGG
GGGGAGGGTGGGGCCGTGGTCCCCTCAGCCTCCATGGGGAGGGAAGAAGGGGGAGCTCTTTTTTTACGT
TGATTTTTTTTTTTCTACTCTGTTTTCCCTTTTTCCTTCCGCTCCATTTGGGGCCCTGGGGGTTTCAGT
CATCTCCCCATTTGGTCCCCTGGACTGTCTTTGTTGATTCTAACTTGTAAATAAAGAAAATATTATTCA
AGTTTTGAGTTACCTTAATATTTGCTTTTGTAGTGTTTCAAAAGGAACATCATAAGAATTGTCTTGATA
ATTTTGAGGGAAATATTACTGCAGTGAGAAAAGGCAATAGCTAACCTATAATTGGATTGTCTTAATTTT
TAAACCAGTAGGCTTTTGCTGTGTTTTTAATAAAGTAAATATGACTTTTGTAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

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).

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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: NM_001113182.3

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 histocompatability 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