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Product datasheet for SC206425

BRG1 (SMARCA4) (NM_001128844) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: BRG1 (SMARCA4) (NM_001128844) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: SMARCA4

Synonyms: BAF190; BAF190A; BRG1; CSS4; hSNF2b; MRD16; RTPS2; SNF2; SNF2-beta; SNF2L4; SNF2LB; SWI2

ACCN: NM_001128844

Insert Size: 487 bp

Insert Sequence:

>SC206425 3'UTR clone of NM_001128844
The sequence shown below is from the reference sequence of NM_001128844. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGCTCAGGAAGTGGCAGCGAAGAAGACTGAGCCCCGACATTCCAGTCTCGACCCCGAGCCCCTCGTTCC
AGAGCTGAGATGGCATAGGCCTTAGCAGTAACGGGTAGCAGCAGATGTAGTTTCAGACTTGGAGTAAAA
CTGTATAAACAAAAGAATCTTCCATATTTATACAGCAGAGAAGCTGTAGGACTGTTTGTGACTGGCCCT
GTCCTGGCATCAGTAGCATCTGTAACAGCATTAACTGTCTTAAAGAGAGAGAGAGAGAATTCCGAATTG
GGGAACACACGATACCTGTTTTTCTTTTCCGTTGCTGGCAGTACTGTTGCGCCGCAGTTTGGAGTCACT
GTAGTTAAGTGTGGATGCATGTGCGTCACCGTCCACTCCTCCTACTGTATTTTATTGGACAGGTCAGAC
TCGCCGGGGGCCCGGCGAGGGTATGTCAGTGTCACTGGATGTCAAACAGTAATAAATTAAACCAACAAC
AAAA
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).

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.

View online »

RefSeq: NM_001128844.3

Summary: The protein encoded by this gene is a member of the SWI/SNF family of proteins and is similar to the brahma protein of Drosophila. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI, which is required for transcriptional activation of genes normally repressed by chromatin. In addition, this protein can bind BRCA1, as well as regulate the expression of the tumorigenic protein CD44. Mutations in this gene cause rhabdoid tumor predisposition syndrome type 2. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2012]

Locus ID: 6597

MW: 17.5