

Product datasheet for MR201581

Brms1l (BC034885) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Brms1l (BC034885) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Brms1l
Synonyms: 0710008O11Rik; A1159718; BRMS1; D12Ertd407e
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201581 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGCCGGTCCATTCTCGAGGGGATAAGAAGGAGACGAATCATCACGATGAGATGGAGGTGGACTACGCGG
 AGAACGAGGGGAGCAGTCCGAAGACGAGGACACCGAGAGCTCGTCGGTCTCGGAGGATGGGACAGTTC
 AGAAATGGATGATGAAGATTGTGAAAGGAGAAGGATGGAGTGTAGATGAGATGTCCAACCTGGAGAAG
 CAGTTTACAGACCTCAAAGATCAACTTTATAAAGAGCGGTTGAGTCAGGTGGATGCAAACTCCAAGAAG
 TCATAGCTGGAAAAGCACCAGATATTTGGAACCACTGGCCACCTTACAAGAAAACATGCAGATTGCAC
 AAAGGTAGCAGGAATCTATAGAGAACTCTGCTTAGAGTCTGTGAAGAACAAGTACGAATGTGAAATCCAG
 GCTTCTCGACAGCATTGTGAGAGCTGTGGAACGACGAGCTTCAGTCACGGAAAAAGAGGAAGGATCCGTT
 CAGCCCGACAAGAAGAAGCCGGTCTGTCTCAGGTCCATATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201581 protein sequence
 Red=Cloning site Green=Tags(s)

MPVHSRGDKKETNHHDEMEVDYAENEGSSSEDETESSSVSEGDGDSSEMDDDCERRRMECLDEMSNLEK
 QFTDLKDQLYKERLSQVDAKLQEVIAGKAPEYLEPLATLQENMQIRTKVAGIYRELCLESVKNKYECEIQ
 ASRQHCESCGTTFSHGKRGRIRSAPTRRSRSLSQVHI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: BC034885

ORF Size: 534 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [BC034885](#), [AAH34885](#)

RefSeq Size: 1539 bp

RefSeq ORF: 536 bp

Locus ID: 52592

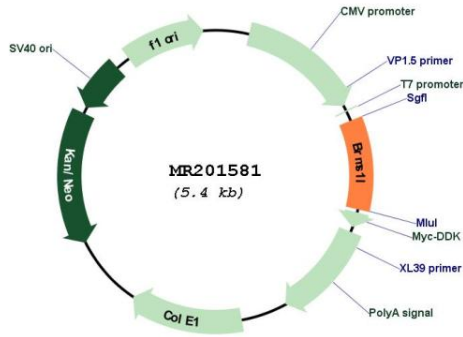
Cytogenetics: 12 24.18 cM

MW: 20.4 kDa

Gene Summary:

Involved in the histone deacetylase (HDAC1)-dependent transcriptional repression activity. When overexpressed in lung cancer cell line that lacks p53/TP53 expression, inhibits cell growth (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201581