

Product datasheet for **RG202645**

BRMS1L (NM_032352) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BRMS1L (NM_032352) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	BRMS1L
Synonyms:	BRMS1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG202645 representing NM_032352 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCAGTCCATCCCGAGGGGATAAGAAGGAGACCAACCATCACGATGAGATGGAGGTGGACTACGCCG
AAAATGAGGGGAGCAGCTCCGAGGACGAGGACACTGAGAGCTCGTCGGTCTCCGAGGATGGAGATAGCTC
AGAAATGGATGATGAAGACTGTGAAAGAAGAAGAATGGAATGTTGGATGAAATGTCCAATCTTGAAAAA
CAGTTTACCGATCTCAAAGATCAACTTTATAAAGAACGATTAAGTCAGGTGGATGCAAACTACAAGAAG
TCATAGCTGGAAAAGCACCAGAATACTTGAACCGCTGGCAACTTACAGGAAAAATGCAAATTCGTAC
AAAGGTAGCAGGAATCTATAGAGAGCTCTGCTTAGAATCTGTAAGAACAATATGAATGTGAAATTCAA
GCTTCTCGCCAGCATTGTGAGAGCGAAAAGCTGTTGCTATATGATACAGTCCAGAGTGAAGTAGAGGAGA
AGATAAGAAGGCTTGAAGAGGATAGGCACAGCATTGATATTACCTCAGAGCTGTGGAATGATGAGCTTCA
GTCAAGAAAAAGAGGAAGGATCCTTTCAGTCTGACAAAAAGAAGCCAGTTGTTGTTTCAGGTCCATAT
ATAGTTTATATGCTACAAGATCTTGATATTCTTGAAGACTGGACAACAATTAGGAAGGCAATGGCTACAT
TGGGGCCACACAGAGTGAACCGAACCCACCTGTGAACTGGAAAAACATCTGCACAGTGCATAGATCTGA
AGAGGGAAAGACTATATTATGATGGTGAATGGTATATACGTGGACAACAATATGTATTGATAAAAAAGAT
GAATGTCTACAAGTGTGTAATTACAACAATTAACCATGATGAAGTTTGGTTTAAAGAGGCCTGATGGAA
GCAAATCTAAGCTTTACATTTACAGCTACAGAAAGGAAAAATTTCAATTAACATTCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG202645 representing NM_032352
 Red=Cloning site Green=Tags(s)

MPVHSRGDKKETNHHDEMEVDYAENEGSSSEDEDESSVSSEDGDSSEMDDDCERRRMECLDEMSNLEK
 QFTDLKDQLYKERLSQVDAKLQEVIAGKAPEYLEPLATLQENMQIRTKVAGIYRELCLESVKNKYECEIQ
 ASRQHCESEKLLLYDTVQSELEEKIRRLEEDRHSIDITSELWNDELQSRKKRKPDPSPDKKKPVVSGPY
 IVYMLQDLDILEDWTTIRKAMATLGPHRVKTEPPVKLEKHLHSARSEEGRLYYDGEWYIRGQTICIDKKD
 ECPTSAVITTTINHDEVWFKRPDGSKSKLYISQLQKKGKYSIKHS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_032352

ORF Size: 969 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: [NM_032352.4](#)

RefSeq Size: 2604 bp

RefSeq ORF: 972 bp

Locus ID: 84312

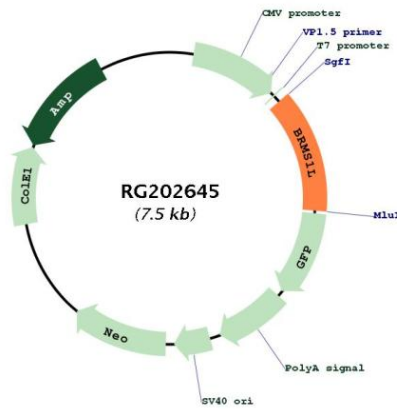
UniProt ID: [Q5PSV4](#)

Cytogenetics: 14q13.2

Protein Families: Druggable Genome

Gene Summary: The protein encoded by this gene shows sequence similarity to the human breast carcinoma metastasis suppressor (BRMS1) protein and the mammalian Sds3 (suppressor of defective silencing 3) proteins. This protein is a component of the mSin3a family of histone deacetylase complexes (HDAC). [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG202645