OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RG213148

BRF1 (NM_001519) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BRF1 (NM_001519) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	BRF1
Synonyms:	BRF; BRF-1; CFDS; GTF3B; hBRF; HEL-S-76p; TAF3B2; TAF3C; TAFIII90; TF3B90; TFIIIB90
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

ORF Nucleotide Sequence:

>RG213148 representing NM_001519
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACGGGCCGCGTGTGCCGCGGTTGCGGCGGCACGGACATCGAGCTGGACGCGGCGCGCGGGGACGCGG
TGTGCACCGCCTGCGGCTCAGTGCTGGAGGACAACATCATCGTGTCCGAGGTGCAGTTCGTGGAGAGCAG
CGGCGGCGGCTCCTCGGCCGTGGGCCAGTTCGTGTCCCTGGACGGTGCTGGCAAAACCCCGACTCTGGGT
GGCGGCTTCCACGTGAATCTGGGGAAGGAGTCGAGAGCGCAGACCCTGCAGAATGGGAGGCGCCACATCC
ACCACCTGGGGAACCAGCTGCAGCTGAACCAGCACTGCCTGGACACCGCCTTCAACTTCTTCAAGATGGC
CGTGAGCAGGCACCTGACCCGCGGCCGGAAGATGGCCCACGTGATTGCTGCCTGCCTCTACCTGGTCTGC
CGTACGGAGGGCACGCCGCACATGCTCCTGGACCTCAGCGACCTGCTCCAGGTGAATGTGTACGTGCTTG
GAAAGACGTTTCTTCTCTTGGCAAGAGAGCTCTGCATCAATGCGCCGGCCATAGACCCGTGCCTGTATAT
TCCACGCTTTGCGCACCTGCTGGAATTCGGGGAGAAGAACCACGAGGTGTCCATGACTGCCCTGAGGCTC
CTACAGAGGATGAAGCGGGACTGGATGCACACAGGCCGGCGCCCCTCGGGCCTCTGCGGAGCAGCGCTCC
TGGTTGCAGCCAGAATGCATGACTTCAGGAGGACTGTGAAGGAGGTCATCAGTGTGGTCAAAGTGTGTGA
GTCCACGCTGCGGAAGAGGCTCACGGAATTTGAAGACACCCCCACCAGTCAGTTGACCATTGATGAGTTC
ATGAAGATCGACCTGGAGGAGGAGTGCGACCCCCCCTCGTACACAGCTGGGCAGAGGAAGCTGCGGATGA
AGCAGCTTGAACAAGTCCTGTCAAAAAAACTGGAGGAGGTTGAAGGTGAAATATCCAGTTACCAGGATGC
AATTGAGATTGAACTAGAAAACAGCCGGCCAAAGGCCAAGGGGGGCCTGGCCAGCCTGGCAAAAGATGGC
TCCACCGAGGACACCGCGTCCAGCTTGTGTGGCGAGGAGGACACAGAGGACGAGGAGCTGGAAGCCGCGG
CCAGCCACCTGAACAAAGACTTATACCGGGAGCTCCTTGGTGGTGCCCCCGGCAGCTCGGAAGCAGCAGG
AAGCCCCGAGTGGGGCGGCAGACCTCCGGCCCTGGGGTCCCTGCTGGACCCCCTCCCCACTGCAGCCAGC
CTGGGCATCTCAGACTCCATCCGCGAATGCATCTCCTCTCAGAGCAGCGACCCCAAAGATGCTTCAGGAG
ACGGTGAGCTGGACCTCAGTGGCATTGATGACCTGGAGATTGACAGGTACATCCTGAATGAGTCGGAAGC
CCGCGTGAAGGCCGAGCTGTGGATGAGGGAGAACGCCGAGTACCTGCGGGAACAGAGGGAAAAAGAAGCA
AGAATAGCGAAAGAGAAGGAGCTCGGCATCTACAAGGAACACAAGCCCAAGAAGTCTTGCAAGCGACGGG
AGCCAATTCAGGCCAGTACCGCCAGGGAGGCCATCGAGAAGATGCTGGAGCAGAAGAAGATCTCCAGCAA
GATCAATTATAGCGTGCTCCGGGGCCTCAGCAGCGCCGGCGGGGGCAGTCCGCACAGGGAGGATGCACAG
CCCGAGCATAGCGCCAGTGCCAGGAAGCTGTCACGAAGGAGGACGCCGGCCAGCAGAAGTGGGGCTGACC
CTGTGACCAGTGTGGGGAAAAGGTTGAGGCCTCTGGTGTCTACGCAGCCAGCAAAGAAGGTGGCCACGGG
AGAGGCTTTGCTCCCAAGCTCTCCCACCCTCGGAGCTGAGCCTGCCAGGCCCCAGGCGGTGCTGGTGGAG
AGCGGGCCCGTGTCATACCACGCCGACGAGGAGGCTGACGAGGAGGAGCCTGACGAGGAGGACGGGGAGC
CCTGCGTCAGTGCCCTGCAGATGATGGGCAGCAACGACTATGGCTGTGATGGCGATGAGGACGACGGCTA
C

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Protein Sequence:

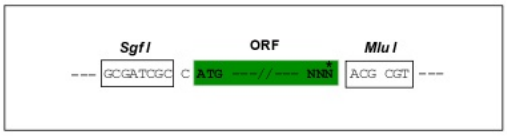
>RG213148 representing NM_001519
Red=Cloning site Green=Tags(s)

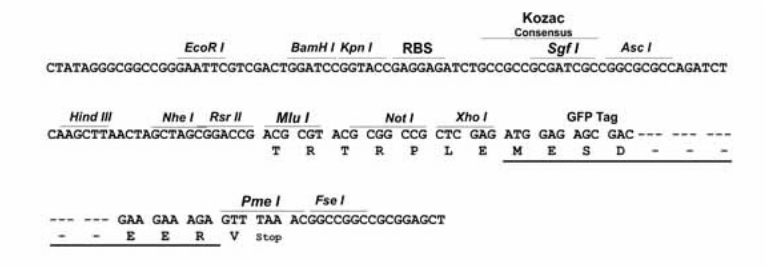
MTGRVCRGCGGTDIELDAARGDAVCTACGSVLEDNIIVSEVQFVESSGGGSSAVGQFVSLDGAGKTPTLG
GGFHVNLGKESRAQTLQNGRRHIHHLGNQLQLNQHCLDTAFNFFKMAVSRHLTRGRKMAHVIAACLYLVC
RTEGTPHMLLDLSDLLQVNVYVLGKTFLLLARELCINAPAIDPCLYIPRFAHLLEFGEKNHEVSMTALRL
LQRMKRDWMHTGRRPSGLCGAALLVAARMHDFRRTVKEVISVVKVCESTLRKRLTEFEDTPTSQLTIDEF
MKIDLEEECDPPSYTAGQRKLRMKQLEQVLSKKLEEVEGEISSYQDAIEIELENSRPKAKGGLASLAKDG
STEDTASSLCGEEDTEDEELEAAASHLNKDLYRELLGGAPGSSEAAGSPEWGGRPPALGSLLDPLPTAAS
LGISDSIRECISSQSSDPKDASGDGELDLSGIDDLEIDRYILNESEARVKAELWMRENAEYLREQREKEA
RIAKEKELGIYKEHKPKKSCKRREPIQASTAREAIEKMLEQKKISSKINYSVLRGLSSAGGGSPHREDAQ
PEHSASARKLSRRRTPASRSGADPVTSVGKRLRPLVSTQPAKKVATGEALLPSSPTLGAEPARPQAVLVE
SGPVSYHADEEADEEEPDEEDGEPCVSALQMMGSNDYGCDGDEDDGY

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:





ACCN: NM_001519

ORF Size: 2031 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

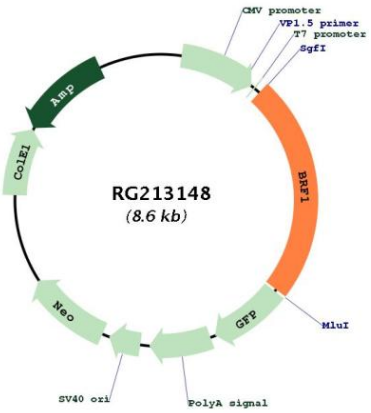
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

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_001519.4
RefSeq Size:	3660 bp
RefSeq ORF:	2034 bp
Locus ID:	2972
UniProt ID:	Q92994
Cytogenetics:	14q32.33
Domains:	transcript_fac2, CYCLIN
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes one of the three subunits of the RNA polymerase III transcription factor complex. This complex plays a central role in transcription initiation by RNA polymerase III on genes encoding tRNA, 5S rRNA, and other small structural RNAs. The gene product belongs to the TF2B family. Several alternatively spliced variants encoding different isoforms, that function at different promoters transcribed by RNA polymerase III, have been identified. [provided by RefSeq, Jun 2011]

Product images:



Circular map for RG213148

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US