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 SC113533

BRF2 (NM_018310) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BRF2 (NM_018310) Human Untagged Clone
Tag:	Tag Free
Symbol:	BRF2
Synonyms:	BRFU; TFIIIB50
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene ORF within SC113533 sequence for NM_018310 edited (data generated by NextGen Sequencing)

ATGCCAGGCAGAGGCCGCTGCCCGGACTGCGGCTCCACGGAGCTGGTGGAAGACTCGCAC
TATTCGCAGAGCCAGCTGGTGTGCTCCGACTGCGGCTGCGTGGTCACCGAGGGGGTCCTT
ACCACTACCTTCAGCGACGAGGGCAATCTCCGAGAGGTAACATATTCCCGAAGCACAGGG
GAAAACGAACAAGTTAGTCGCAGCCAGCAACGAGGTCTCCGGCGAGTGAGAGACCTTTGT
CGAGTTCTGCAGTTGCCACCAACATTTGAGGATACCGCGGTTGCCTACTACCAACAGGCA
TATCGGCACTCTGGCATCCGAGCGGCCAGGCTGCAAAAGAAGGAGGTGTTGGTTGGGTGC
TGCGTCTTAATCACCTGCCGACAGCATAACTGGCCCCTAACAATGGGGGCCATCTGCACG
CTGTTGTATGCAGATTTGGATGTGTTTTCTAGCACTTACATGCAGATAGTGAAGCTCCTG
GGACTGGATGTGCCATCTCTGTGCTTGGCAGAACTGGTGAAGACCTATTGCAGCAGCTTC
AAACTGTTCCAAGCTTCACCTTCTGTGCCAGCCAAATACGTGGAAGACAAAGAGAAGATG
CTGTCTCGAACAATGCAGTTGGTGGAGCTGGCAAATGAGACGTGGCTGGTGACCGGGAGG
CATCCCTTGCCCGTCATCACTGCTGCGACTTTCCTGGCTTGGCAGTCGCTGCAGCCTGCA
GATCGGCTTTCATGTTCCCTTGCCCGATTTTGTAAATTGGCAAATGTGGACCTGCCCTAC
CCGGCGTCCTCCCGCCTGCAGGAGCTGCTGGCTGTGCTGCTGCGGATGGCTGAGCAGCTG
GCCTGGTTACGAGTTCTGAGACTTGACAAACGGTCTGTGGTGAAGCACATCGGTGACCTT
CTCCAGCACCGCCAGTCACTGGTCCGCTCTGCCTTTCGGGATGGGACAGCAGAAGTGGAG
ACCCGAGAGAAGGAGCCACCGGGGTGGGGACAGGGGCAAGGAGAAGGGGAGGTGGGAAAT
AATTCCTTAGGTTTACCCCAGGGGAAGCGGCCGGCCAGTCCTGCCCTTCTCTTGCCACCC
TGCATGTTGAAGTCCCCGAAGCGGATCTGCCCTGTACCCCCTGTCTCCACTGTCACTGGA
GATGAGAACATTTCTGATAGTGAAATAGAACAGTATTTGCGTACCCCTCAGGAAGTTAGG
GACTTTCAGAGAGCCCAGGCTGCTAGACAGGCTGCCACGAGTGTCCCTAACCCTCCCTGA

Clone variation with respect to NM_018310.3

View online »

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018310 unedited
GCATTTGTATACGACTCCTATAGGCGGCNCGCGAATTCGCACGAGGCTGAAGGCTTCCGC
GGCTTTGGGGCCGGTTGTGAGATGCCAGGCAGAGGCCGCTGCCCGGACTGCGGCTCCACG
GAGCTGGTGGAAGACTCGCACTATTCGCAGAGCCAGCTGGTGTGCTCCGACTGCGGCTGC
GTGGTCACCGAGGGGGTCCTTACCACTACCTTCAGCGACGAGGGCAATCTCCGAGAGGTA
ACATATTCCCGAAGCACAGGGGAAAACGAACAAGTTAGTCGCAGCCAGCAACGAGGTCTC
CGGCGAGTGAGAGACCTTTGTCGAGTTCTGCAGTTGCCACCAACATTTGAGGATACCGCG
GTTGCCTACTACCAACAGGCATATCGGCACTCTGGCATCCGAGCGGCCAGGCTGCAAAAG
AAGGAGGTGTTGGTTGGGTGCTGCGTCTTAATCACCTGCCGACAGCATAACTGGCCCCTA
ACAATGGGGGCCATCTGCACGCTGTTGTATGCAGATTTGGATGTGTTTTCTAGCACTTAC
ATGCAGATAGTGAAGCTCCTGGGACTGGATGTGCCATCTCTGTGCTTGGCAGAACTGGTG
AAGACCTATTGCAGCAGCTTCAAACTGTTCCAAGCTTCACCTTCTGTGCCAGCCAAATAC
GTGGAAGACAAAGAGAAGATGCTGTCTCGAACAATGCAGTTGGTGGAGCTGGCAAATGAG
ACGTGGCTGGTGACCGGGAGGCATCCCTTGCCCGTCATCACTGCTGCGACTNTCCTGGCT
TGGCAGTCGCTGCAGCCTGCAGATCGGCTNTCATGTTCCCTTGCCCGATTTTGTAATTGG
GCAATGTGGACCTGCCCTACCCNGCGTNCTCCGNCTGCNAGACTGCTGGCTGTGCTTGCT
GCGATGCTGACACTGCCTGNTACAGTCTAACTGACACGTCTGGGGAGCCACGTGACTTTC
CACGCGTCTGTCGTTGCTTCGATGACACAATGAAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018310 unedited
CGGCCGCAATCTANAATCGAGTTTTTTTTTTTTTTTTTAAAAACTCGGGTTTTATACAA
TAGAATGTTTTCTAGCAGATGCCTCTTGTTTTAATATATTAAAATTTTGCAAAGCCCTTT
GAGCTACTGCCTTAGTCTACCCACTGTCCTTTTGTTATGAGGTAGAGGATCTCATGACAC
CATACACACAAACCCATCATTGCCTGTGAATGCACGTAGGGCCAGAATTCCCCAGTTCCC
GCTCCTCTGAGGGTTGATACTGCTGGGAATGCCAACCACTCCACAAGCAGAGGGAAGCCC
CCTCAGGCCTGCAGGAGGAGCCGCAGCAGTGTGTCCAATTCAAACCAGCAGCAAAGAGCC
TGACATTTTCCCATCCATCTATGAGGAAAGCCATCTCACAGAACATGGACATAGGCAACT
TGCTCTCCCACACCAAGGGATGGGAATCTCTCCTACCTATAGTCATCCCTGCACTCCTGA
CTTTACTCCAGGACCCAGGGTCCAACTAATGGCAGAGCCCCTCTTGGTTCCTTCAAACAA
GAAAAGCAATACCTACGGACTGGTGTACACTTCCATCCTTGGTTATAACAGGAATGTTAT
CAAGCTGTCAGAACAGGATGAAGTGCTCCCAGTGGATATCCATCAGGGAGGGTTAGGGAC
ACTCGTGGCAGCCTGTCTAGCAGCCTGGGCTCTCTGAAAGTCCCTAACTTCCTGAGGGGT
ACGCAAATACTGTTCTATTTCACTATCAGAAATGTTCTCATCTCCAGTGACAGTGGAGAC
AGGGGGTACAGGGCAGATCCGCTTCGGGGACTTCACATGCANGGTGGGCAAGAAAANGGC
AGACTGNNNCGNCGCTTCCCCTGGGTAAACCTAGGGAAATATTCCCACTNNCCTTCTCTT
GCCCCTGTCCCNACCCGGNNGCTCTTTCTCGGTCTCCACTCTGCTGCCCATCCGAAGGCA
AGCGGACC

Restriction Sites: NotI-NotI

ACCN: NM_018310

Insert Size: 1910 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_018310.2, NP_060780.2
RefSeq Size:	1978 bp
RefSeq ORF:	1260 bp
Locus ID:	55290
UniProt ID:	Q9HAW0
Cytogenetics:	8p11.23
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes one of the multiple subunits of the RNA polymerase III transcription factor complex required for transcription of genes with promoter elements upstream of the initiation site. The product of this gene, a TFIIB-like factor, is directly recruited to the TATA-box of polymerase III small nuclear RNA gene promoters through its interaction with the TATA-binding protein. [provided by RefSeq, Jul 2008]