

## Product datasheet for **SC331858**

### **BRF1 (NM\_001242788) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	BRF1 (NM_001242788) Human Untagged Clone
Tag:	Tag Free
Symbol:	BRF1
Synonyms:	BRF; BRF-1; CFDS; GTF3B; hBRF; HEL-S-76p; TAF3B2; TAF3C; TAFIII90; TF3B90; TFIIIB90
Vector:	pCMV6-Entry (PS100001)



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**Fully Sequenced ORF:** >SC331858 representing NM\_001242788.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGACGGGCCGCGTGTGCCGCGTTGCCGCGGCACGGACATCGAGCTGGACGCGGCGCGGGGACGCG
GTGTGCACCGCTGCGGCTCAGTGTGGAGGACAACATCATCGTGTCCGAGGTGCAGTTCGTGGAGAGC
AGCGGCGGCGGCTCCTCGGCCGTGGCCAGTTCGTGTCCCTGGACGGGAGGCGCCACATCCACACCTG
GGGAACCAAGCTGCAGCTGAACCAGCACTGCCTGGACCCGCTTCAACTTCTTCAAGATGGCCGTGAGC
AGGCACCTGACCCGCGGCGGAAGATGGCCACGTGATTGCTGCCTGCCTTACCTGGTCTGCCCCTACG
GAGGGCACGCGCACATGCTCCTGGACCTCAGCGACCTGCTCCAGGTGAATGTGTACGTGCTTGGAAAG
ACGTTTCTTCTTGGCAAGAGAGCTCTGCATCAATGCGCCGGCCATAGACCCGTGCCTGTATATTTCCA
CGCTTGGCGACCTGCTGGAATTCGGGAGAAGAACCACGAGGTGTCCATGACTGCCCTGAGGCTCTTA
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GTTGCAGCCAGAATGCATGACTTCAGGAGGACTGTGAAGGAGTTCATCAGTGTGGTCAAAGTGTGTGAG
TCCACGCTGCGGAAGAGGCTCACGGAATTTGAAGACACCCACCAGTCAAGTGGACATTGATGAGTTC
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AAGCAGCTTGAACAAGTCTGTCAAAAACTGGAGGAGTTGAAGGTGAAATATCCAGTTACCAGGAT
GCAATTGAGATTGAAGTGAACACAGCCGCGCAAGGCAAGGGGGCCCTGGCCAGCCTGGCAAAAGAT
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GCCAGCTGGGCATCTCAGACTCCATCCGCAATGCATCTCCTCTCAGAGCAGCGACCCAAAGATGCT
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GAGGATGCACAGCCGAGCATAGCGCCAGTCCAGGAAGCTGTCACGAAGGAGGACCGCGCCAGCAGA
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AAGGTGGCCACGGGAGAGGCTTTGCTCCCAAGCTCTCCACCCTCGGAGCTGAGCCTGCCAGGCCAG
GCGGTGCTGGTGGAGAGCGGGCCGTGTCATACCACGCCGACGAGGAGGCTGACGAGGAGGAGCCTGAC
GAGGAGGACGGGAGCCCTGCGTCAGTGCCTGCAGATGATGGCAGCAACGACTATGGCTGTGATGGC
GATGAGGACGACGCTACTGA
  
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**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001242788

**Insert Size:** 1953 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001242788.1</a>
<b>RefSeq Size:</b>	3596 bp
<b>RefSeq ORF:</b>	1953 bp
<b>Locus ID:</b>	2972
<b>UniProt ID:</b>	<a href="#">Q92994</a>
<b>Cytogenetics:</b>	14q32.33
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	71.1 kDa
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (6) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (6) has the same N- and C-termini but is shorter compared to isoform 1.</p>