

Product datasheet for **SC336790**

EBF1 (NM_182708) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EBF1 (NM_182708) Human Untagged Clone
Tag:	Tag Free
Symbol:	EBF1
Synonyms:	COE1; EBF; O/E-1; OLF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

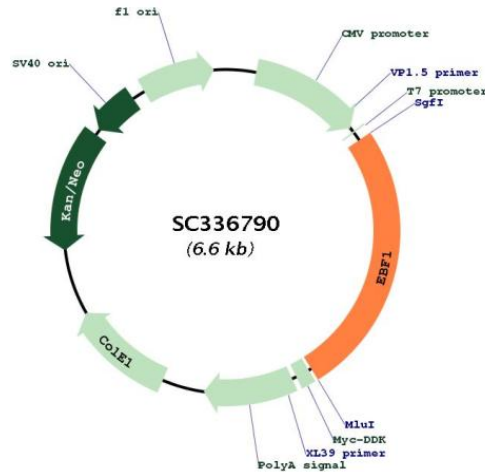


[View online »](#)

Fully Sequenced ORF: >SC336790 representing NM_182708.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTTTGGGATTCAGGAAAGCATCCAACGGAGTGAAGCAGCATGAAGGAAGAGCCGCTGGGACGCGGC
ATGAACGCGGTGCGGACGTGGATGCAGGGCGCCGGGGTCTGGACGCCAACACGGCGGCGCAGAGCGGG
GTGGGTCTGGCCCGGGCTCACTTTGAGAAGCAGCCGCCTTCCAATCTGCGGAAATCCAATTCTTCCAC
TTCGTCTGCGCCCTCTACGACAGACAGGGCCAGCCCGTGGAGATCGAGAGGACAGCGTTTGTGGGTTC
GTGGAGAAGAAAAAGAAGCCAACAGCGAAAAGACCAATAACGGAATTCCTACCAGGCTTCTCAGCTTCTC
TACAGCAATGGGATAAGGACGGAGCAGGATTTCTACGTGCGCCTCATTGACTCCATGACAAAAACAAGCC
ATAGTGTATGAAGCCAAGACAAGAACCAGAAATGTGCCGAGTCTTGCTCACACATGAGATCATGTGC
AGGTTCTTCTGAAATTTTCTCAAATGTAACCAAAATGCCTAAAGAATGCGGAAACCCACGTGAC
ATGCGGAGATTCCAGGTCGTGGTGTCTACGACAGTCAATGTGGATGGCCATGCTCCTGGCAGTCTCTGAT
AACATGTTTGTCCATAATAATTCCAAGCATGGGCGGAGGGCTCGGAGGCTTGACCCTCGGAAGCTACT
CCCTGTATCAAAGCCATCAGCCCGAGTGAAGGATGGACGACGGGAGGTGCGACTGTGATCATCATAGGG
GACAATTTCTTTGATGGGTTACAGGTCATATTCGGTACCATGCTGGTCTGGAGTGAGTTGATCACTCCT
CATGCCATCCGTGTGACAGACCCCTCCTCGGCACATCCCTGGTGTGTGGAAGTCACACTGTCTTACAAA
TCTAAGCAGTTCTGCAAAGGAACACCAGGCAGATTCATTTATACAGCGCTCAACGAACCCACCATCGAT
TATGGTTTCCAGAGGTTACAGAAGGTCATTCTCGGCACCCTGGTGACCTGAGCGTTTGCCAAAGGAA
GTAATACTCAAAGGGCTGCGGATCTGGTAGAAGCACTGTATGGGATGCCACACAACAACCAGGAAATC
ATTCTGAAGAGAGCGGCCGACATTGCCGAGGCCCTGTACAGTGTCCCGCAACCACAACCAACTCCCG
GCCCTTGCTAACACCTCGGTCCACGCAGGGATGATGGGCGTGAATTCGTTCAAGTGGACAACCTGGCCGTG
AATGTCTCCGAGGCATCAAGCCACCAATCAGGGTTTCAACCGCAACTCAAGCAGCGTATCACCACAC
GGGTACGTGCCGAGCACCCTCCAGCAGACCAACTATAACTCCGTACCCACGAGCATGAACGGATAC
GGCTCTGCCGCAATGTCCAATTTGGGCGGCTCCCCACCTTCTCAACGGCTCAGCTGCCAACTCCCCC
TATGCCATAGTGCCATCCAGCCCACCATGGCTCCTCCACAAGCCTCCCTCCAAGTGCAGCAGCTCC
TCGGGCATCTTCTCTTCTCACCAGCCAACATGGTCTCAGCCGTGAAACAGAAGAGTGCTTTCGACCA
GTCGTGAGACCCAGACCTCCCCACCTCCACCTGCACCAGCACAACGGGAACAGCCTGCAAGCGATA
TCTGGCATGATTGTTCTCCTATGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Restriction Sites: Sgfl-Mlul

Plasmid Map:


ACCN: NM_182708

Insert Size: 1683 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_182708.2](#)

RefSeq Size: 5171 bp

RefSeq ORF: 1683 bp

Locus ID: 1879

UniProt ID: [Q9UH73](#)

Cytogenetics: 5q33.3

Protein Families: Transcription Factors

MW: 61.1 kDa

Gene Summary:

Transcriptional activator which recognizes variations of the palindromic sequence 5'-ATTCCCNNGGGAATT-3'. [UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (3) lacks an alternate in-frame exon and uses alternate in-frame splice junctions at the ends of two exons compared to variant 1. The resulting isoform (3) has the same N- and C-termini but is shorter compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.