

Product datasheet for **MC227797**

Ebf1 (NM_001290711) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ebf1 (NM_001290711) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ebf1
Synonyms:	Ebf; O/E-1; OE-1; Olf-1; Olf1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC227797 representing NM_001290711
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACAAAACAAGCCATAGTGTATGAAGGCCAAGACAAGAACCCTGAAATGTGCCGAGTATTGCTCACAC
 ACGAGATCATGTGCAGCCGCTGTTGTGACAAGAAAAGCTGTGGCAACCGAAATGAGACTCCCTCAGATCC
 AGTGATAATTGACAGTTCTTCCTGAAGTTTTTCTTAAATGCAACCAAATTCCTAAAGAATGCAGGA
 AACCCACGTGACATGCGGAGATTCCAGGTCGTGGTGTCTACCACAGTCAACGTGGATGGCCATGTCTGG
 CAGTCTCTGATAACATGTTTGTCCACAATAACTCCAAGCACGGGCGGAGGGCTCGGAGGCTTGACCCCTC
 GGAAGGTACGCCCTTTATCTGGAACATGCTACTCCCTGTATCAAAGCCATCAGCCCGAGTGAAGGATGG
 ACGACGGGAGGCGGACTGTGATCATCATAGGGGACAATTTCTTTGATGGGTTACAGGTCATATTCGGTA
 CCATGCTGGTCTGGAGTGAGTTGATAACTCCTCATGCCATCCGAGTTCAGACACCTCCTCGGCACATCCC
 TGGTGTGGTGGAAAGTCACTGTCTGACAAGTCCAAGCAGTTCGCAAAGGGACACCAGGCAGATTCATC
 TACACAGCACTCAATGAACCCACCATCGACTACGGCTTCCAGAGGTTACAGAAGGTCATTCTCGGCATC
 CTGGTGACCCAGAGCGCTTGCCAAAGGAAGTGATCCTTAAAAGAGCTGCAGATCTGGTTGAAGCCCTGTA
 TGGGATGCCCCACAACAACCAGGAGATTATCCTGAAGAGAGCTGCCGACATTGCAGAGGCTCTGTACAGT
 GTCCCTCGGAACCAACCAGCTCCCAGCCCTTGCTAACACTTCGGTCCATGCAGGGATGATGGGTGTGA
 ACTCCTTCAGTGGACAACCTGGCTGTGAATGTCTCGGAGGCATCACAAGCCACCAATCAAGGTTTCACCCG
 CAACTCAAGCAGCGTGTCAACCATGGCTATGTGCCGAGCACCACCCACAGCAAACCAACTATAACTCA
 ATGGCTCAGTGCCAACCTCACCCATGCCATTGTGCCATCCAGCCCAACATGGCTCATCTACAAGCCT
 CCCCTCCAAGTGCAGTAGCTCCTCTGGCATCTTCTCCTTCTCACCAGCCAACATGGTCTCAGCAGTGAAA
 CAGAAGAGTGCTTTCGCACAGTTGTGACACCCAGACGTCCTCCTCCACCTGCACCAGCACCAACG
 GGAACAGCCTGCAAGCGATATCTGGCATGATTGTCCCTCCCAT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001290711
- Insert Size:** 1377 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001290711.1](#), [NP_001277640.1](#)

RefSeq Size: 5322 bp

RefSeq ORF: 1377 bp

Locus ID: 13591

Cytogenetics: 11 26.45 cM

Gene Summary: Transcriptional activator which recognizes variations of the palindromic sequence 5'-ATTCCCNNGGAATT-3'. [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) differs in its 5' UTR, uses a downstream start codon, and uses an alternate splice site in the central coding region, compared to variant 1. The encoded isoform (4) 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.