

Product datasheet for **MC228156**

Ebf1 (NM_001290710) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Ebf1 (NM_001290710) 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 |



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Fully Sequenced ORF: >MC228156 representing NM_001290710
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTGGGATCCAGAAAGCATCCAACGGAGTGAAGCAGTATGAAGGAAGAGCCGCTGGCGACGGCA
 TGAACCGGGTGGCGACGTGGATGCAGGGCGCCGGGTGCTGGACGCCAACACAGCGGCGCAGAGCGGGT
 GGGTCTGGCCCGGCTCACTTTGAGAAGCAGCCGCTTCTAACCTGCGGAAATCCAACTTCTTCCACTTC
 GTCCTGGCCCTACGACAGACAGGGCCAGCCCGTGGAGATTGAGAGGACGGCCTTTGTGGGGTTCGTGG
 AGAAGGAAAAAGAAGCCAACAGCGAAAAGACCAATAATGGGATCCACTACCGGCTCCAGCTCCTCTACAG
 CAATGGGATACGGACAGAACAGGATTTCTATGTGCGCCTCATCGACTCCATGACAAAACAAGCCATAGTG
 TATGAAGGCCAAGACAAGAACCCTGAAATGTGCCGAGTATTGCTCACACAGAGATCATGTGCAGCCGCT
 GTTGTGACAAGAAAAGCTGTGGCAACCGAAATGAGACTCCCTCAGATCCAGTGATAATTGACAGGTTCTT
 CCTGAAGTTTTCTTAAATGCAACCAAAATTGCCTAAAGAATGCAGGAAACCCAGTGACATGCGGAGA
 TTCCAGGTCGTGGTGTCTACCACAGTCAACGTGGATGGCCATGTCTGGCAGTCTCTGATAACATGTTTG
 TCCACAATAACTCCAAGCACGGGCGGAGGGCTCGGAGGCTTGACCCCTCGGAAGCTACTCCCTGTATCAA
 AGCCATCAGCCCGAGTGAAGGATGGACGACGGGAGGCGGACTGTGATCATCATAGGGGACAATTTCTTT
 GATGGGTTACAGGTCATATTCGGTACCATGCTGGTCTGGAGTGAGTTGATAACTCCTCATGCCATCCGAG
 TTCAGACACCTCCTCGGCACATCCCTGGTGTGGTGAAGTCACACTGTGCTACAAGTCCAAGCAGTTCTG
 CAAAGGGACACCAGGCAGATTCATCTACACAGCACTCAATGAACCCACATCGACTACGGCTTCCAGAGG
 TTACAGAAGGTCATTCTCGGCATCCTGGTGACCCAGAGCGCTTGCCAAAGGAAGTGATCCTTAAAAGAG
 CTGCAGATCTGGTTGAAGCCCTGTATGGGATGCCCCACAACAACCAGGAGATTATCCTGAAGAGAGCTGC
 CGACATTGCAGAGGCTCTGTACAGTGTCCCTCGGAACCAACCAGCTCCAGCCCTTGCTAACACTTCG
 GTCCATGCAGGGATGATGGGTGGAACCTTTCAGTGGACAACCTGGCTGTGAATGTCTCGGAGGCATCAC
 AAGCCACCAATCAAGTTGTGCCATCCAGCCCAACCATGGCCTCATCTACAAGCCTCCCCTCCAAGTGCAG
 TAGCTCCTCTGGCATCTTCTCCTTCTCACCAGCCAACATGGTCTCAGCAGTGAACAGAAAGAGTGTCTTC
 GCACCAGTTGTCAGACCCAGACGTCCCCTCCTCCACCTGCACCAGCACCAACGGGAACAGCCTGCAAG
 CGATATCTGGCATGATTGTCCTCCCATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001290710
- Insert Size:** 1572 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_001290710.1](#), [NP_001277639.1](#)

RefSeq Size: 4999 bp

RefSeq ORF: 1572 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 (3) has multiple differences in the coding region but maintains reading frame, compared to variant 1. The encoded isoform (3) 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.