

Product datasheet for **MC228401**

Ebf1 (NM_001290709) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ebf1 (NM_001290709) 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: >MC228401 representing NM_001290709
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTGGGATCCAGAAAGCATCCAACGGAGTGAAGCAGTATGAAGGAAGAGCCGCTGGCGACGGCA
 TGAACCGCGGTGCGGACGTGGATGCAGGGCGCCGGGTGCTGGACGCCAACACAGCGCGCAGAGCGGGT
 GGGTCTGGCCCGGCTCACTTTGAGAAGCAGCCGCTTCTAACCTGCGGAAATCCAACTTCTTCCACTTC
 GTCCTGGCCCTCTACGACAGACAGGGCCAGCCCGTGGAGATTGAGAGGACGGCCTTTGTGGGGTTCGTGG
 AGAAGGAAAAAGAAGCCAACAGCGAAAAGACCAATAATGGGATCCACTACCGGCTCCAGCTCCTCTACAG
 CAATGGGATACGGACAGAACAGGATTTCTATGTGCGCCTCATCGACTCCATGACAAAACAAGCCATAGTG
 TATGAAGGCCAAGACAAGAACCCTGAAATGTGCCGAGTATTGCTCACACAGAGATCATGTGCAGCCGCT
 GTTGTGACAAGAAAAGCTGTGGCAACCGAAATGAGACTCCCTCAGATCCAGTGATAATTGACAGGTTCTT
 CCTGAAGTTTTCTTAAATGCAACCAAATTCCTAAAGAATGCAGGAAACCCAGTGACATGCGGAGA
 TTCCAGGTCGTGGTGTCTACCACAGTCAACGTGGATGGCCATGTCTGCGAGTCTCTGATAACATGTTTG
 TCCACAATAACTCCAAGCACGGGCGGAGGGCTCGGAGGCTTGACCCCTCGGAAGGTACGCCCTTCTATCT
 GGAACATGCAGCTACTCCCTGTATCAAAGCCATCAGCCCGAGTGAAGGATGGACGACGGGAGGCGCGACT
 GTGATCATCATAGGGGACAATTTCTTTGATGGGTTACAGGTCATATTCGGTACCATGCTGGTCTGGAGTG
 AGTTGATAACTCCTCATGCCATCCGAGTTCAGACACCTCCTCGGCACATCCCTGGTGTGGTGAAGTCAAC
 ACTGTCGTACAAGTCCAAGCAGTTCTGCAAAGGGACACCAGGCAGATTCTACACAGCACTCAATGAA
 CCCACCATCGACTACGGCTTCCAGAGGTTACAGAAGGTCATTCTCGGCATCCTGGTGACCCAGAGCGCT
 TGCCAAAGGAAGTGATCCTTAAAAGAGCTGCAGATCTGGTTGAAGCCCTGTATGGGATGCCCCACAACAA
 CCAGGAGATTATCCTGAAGAGAGCTGCCGACATTGCAGAGGCTCTGTACAGTGTCCCTCGGAACCAAC
 CAGCTCCCAGCCCTTGCTAACACTTCGGTCCATGCAGGGATGATGGGTGTGAACTCCTTCAGTGGACAAC
 TGGCTGTGAATGTCTCGGAGGCATCACAAGCCACCAATCAAGGTTTCACCCGCAACTCAAGCAGCGTGTG
 ACCACATGGCTATGTGCCGAGCACCACCCACAGCAAACCAACTATAACTCAGTCAACACAAGCATGAAT
 GGCTACGGCTCAGCCGCCATGTCCAATTTGGGCGGCTCCCAACCTTCTCAATGGCTCAGTGCCAACT
 CACCCTATGCCATTGTGCCATCCAGCCCCACCATGGCCTCATCTACAAGCCTCCCTCCAAGTGCAGTAG
 CTCCTCTGGCATTTCTCCTTCTACCAGCCAACATGGTCTCAGCAGTGAACAGAAGAGTGCTTTTCGCA
 CCAGTTGTGACAGCCAGAGTCCCTCCTCCACCTGCACCAGCACCAACGGGAACAGCCTGCAAGCGA
 TATCTGGCATGATTGTCCCTCCCAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001290709
- Insert Size:** 1779 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:	<ol style="list-style-type: none">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:	<u>NM_001290709.1, NP_001277638.1</u>
RefSeq Size:	5206 bp
RefSeq ORF:	1779 bp
Locus ID:	13591
Cytogenetics:	11 26.45 cM
Gene Summary:	<p>Transcriptional activator which recognizes variations of the palindromic sequence 5'-ATTCCCNNGGAATT-3'. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest 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.</p>