

Product datasheet for **MC218800**

Ebf3 (NM_010096) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ebf3 (NM_010096) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ebf3
Synonyms:	3110018A08Rik; mKIAA4201; O/E-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC218800 representing NM_010096
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTGGGATTCAAGAGAATATTCGCGCGGGGGACGACCATGAAGGAGGAGCCGCTGGCGACGGCA
 TGAACCCGGTGCCTCGTGGATGCACACGGCAGGCGTGGTGGACGCCAACACGGCCGCCAGAGCGGCGT
 GGGGCTGGCGCGGGCGCACTTCGAGAAGCAGCCTCCTTCCAACCTCCGAAATCCAATTTCTTCCACTTC
 GTGCTGGCGCTCTACGACAGGCAGGGGAGCCGGTGGAGATCGAAAGGACCGCTTTTGTGGACTTTGTGG
 AGAAAGAGAAAGAGCCGAACAACGAGAAAACCAACAACGGCATTCACTACAAGCTGCAGCTACTGTACAG
 CAATGGCGTCAGAACAGAGCAAGATCTGTATGTCCGCCTCATAGATTCAATGACCAAACAGGCCATCGTG
 TATGAAGGCCAGGACAAGAATCCGGAGATGTGCCGCTGTGCTGACCCACGAGATCATGTGCAGCCGGT
 GCTGTGACAAGAAGAGTTGTGGCAATAGAAACGAGACACCCTCAGACCCTGTAATCATTGACAGATTCTT
 TCTAAAGTTCTTCTCAAGTGAATCAGAACTGCCTGAAGAATGCGGGCAACCCTCGGGACATGCGGAGG
 TTCCAGGTCGTTGTATCGACAACAGTCAACGTGGACGGCCACGTGCTGGCCGTGTCTGACAAATGTTTG
 TGCACAACAATTCAAAACACGGGAGGCGGGCCCGCCCTAGACCCGTCAGAAGCCACTCCGTGTATCAA
 GGCTATCAGCCCCAGTGAAGGCTGGACCAGGGGGTGGCACTGTGATCATAATCGGGGACAACCTCTTT
 GACGGTCTACAAGTTGTGTTTCGGAATATGTTGGTGTGGAGTGAGCTGATAACCCCCACGCCATCCGAG
 TGCAGACGCCCTCGACACATCCCTGGAGTTGTTGAAGTGACCCCTCTCTACAAGTCTAAGCAGTTCTG
 CAAAGGCGCTCCTGGACGCTTTGTCTACACTGCCCTTAATGAGCCAACCATAGATTACGGCTTCCAGAGG
 TTGCAGAAAGTGATACCCAGACATCCAGGTGACCCCGAAAGTTACCCAAGGAAGTGTACTGAAGAGGG
 CAGCAGACCTTGTGGAAGCCTTGTATGGGATGCCTCACAATAACCAGGAGATCATCTGAAGAGAGCGGC
 CGACATTGCTGAGGCGTTGTACAGCGTTCCCGCAATCACAACCAGATCCCACCCTGGGCAACACCCCA
 GCACACTGGCATGATGGGTGTGAACCTTTCAGCAGCCAGCTAGCCGTTAATGTGTCAGAGACCTCAC
 AAGCCAATGACCAAGTCGGCTACAGTCGCAATACAAGCAGCGTGTCCCGCGAGGCTACGTCCCCAGCAG
 TACTCCCCAGCAGTCCAATTACAACACAGTCAGCACTAGCATGAATGGATATGGAAGTGGCGCCATGGCC
 AATCTAGGGTCCCTGGCTCGCTGGATTTCTTAATGGCTCCTCCGCTAACTCTCCCTACGGCATGAAAC
 AGAAGAGCGCTTTTGGCCCGTGGTCCGGCCCCAAGCCTCGCCTCCTCCTCCTGCACCAGCGCCAACGG
 GAACGGACTGCAAGCTATGCTGGGCTGGTAGTCCCGCCATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_010096
- Insert Size:** 1656 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_010096.3](#), [NP_034226.1](#)

RefSeq Size: 4908 bp

RefSeq ORF: 1656 bp

Locus ID: 13593

UniProt ID: [O08791](#)

Cytogenetics: 7 F3- F4

Gene Summary: Transcriptional activator (PubMed:9151732). Recognizes variations of the palindromic sequence 5'-ATTCCCNNGGGAATT-3' (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) uses an alternate, in-frame donor acceptor site at the penultimate coding exon, and an alternative, in-frame donor splice site at one of the internal coding exons, compared to transcript variant 1. This results in a shorter isoform (3) that is missing 36 aa and 9 aa segments, compared to isoform 1.