

Product datasheet for **MC219494**

Ebf3 (NM_001113415) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ebf3 (NM_001113415) 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



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Fully Sequenced ORF: >MC219494 representing NM_001113415
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTGGGATT**CAGGAGAATATTC**CGCGCGGGGGACGACCATGAAGGAGGAGCCGCTGGCGACGGCA
 TGAACCCGGTGCCTCGTGGATGCACACGGCAGGCGTGGTGGACGCCAACACGGCCGCCAGAGCGGCGT
 GGGGCTGGCGCGGGCGCACTTCGAGAAGCAGCCTCCTTCCAACCTCCGAAATCCAATTTCTTCCACTTC
 GTGCTGGCGCTCTACGACAGGCAGGGGACGCGGTGGAGATCGAAAGGACCGCTTTTGTGGACTTTGTGG
 AGAAAGAGAAAGAGCCGAACAACGAGAAAACCAACAACGGCATTCACTACAAGCTGCAGCTACTGTACAG
 CAATGGCGTCAGAACAGAGCAAGATCTGTATGTCCGCCTCATAGATTCAATGACCAAACAGGCCATCGTG
 TATGAAGGCCAGGACAAGAATCCGGAGATGTGCCGCGTGTGCTGACCCACGAGATCATGTGCAGCCGGT
 GCTGTGACAAGAAGAGTTGTGGCAATAGAAACGAGACACCCTCAGACCCTGTAATCATTGACAGATTCTT
 TCTAAAGTTCTTCTCAAGTGAATCAGAACTGCCTGAAGAATGCGGGCAACCCTCGGGACATGCGGAGG
 TTCCAGGTCGTTGTATCGACAACAGTCAACGTGGACGGCCACGTGCTGGCCGTGTCTGACAACATGTTTG
 TGCACAACAATTCAAAACACGGGAGGCGGGCCCGCCCTAGACCCGTCAGAAGGTACGGCCCTTCTTA
 TCTGGAAAATGCCACTCCGTGTATCAAGGCTATCAGCCCCAGTGAAGGCTGGACCACGGGGGGTGGCACT
 GTGATCATAATCGGGGACAACCTCTTTGACGGTCTACAAGTTGTGTTTCGAACTATGTTGGTGTGGAGTG
 AGCTGATAACCCCCACGCCATCCGAGTGCAGACGCCGCTCGACACATCCCTGGAGTTGTTGAAGTGAC
 CCTCTCTACAAGTCTAAGCAGTTCTGCAAAGGCGCTCCTGGACGCTTTGTCTACACTGCCCTTAATGAG
 CCAACCATAGATTACGGCTTCCAGAGGTTGCAGAAAGTGATACCCAGACATCCAGGTGACCCCGAAAGGT
 TACCCAAGGAAGTGTACTGAAGAGGGCAGCAGACCTTGTGGAAGCCTTGTATGGGATGCCTCACAAATA
 CCAGGAGATCATCTGAAGAGAGCGGCCGACATTGCTGAGGCGTTGTACAGCGTTCCCGCAATCACAAAC
 CAGATCCCCACCCTGGGCAACACCCAGCACACTGGCATGATGGGTGTGAACCTTTCAGCAGCCAGC
 TAGCCGTTAATGTGTCAGAGACCTCACAAAGCAATGACCAAGTCGGCTACAGTCGCAATACAAGCAGCGT
 GTCCCCGCGAGGCTACGTCCCCAGCAGTACTCCCCAGCAGTCCAATTACAACACAGTCAGCACTAGCATG
 AATGGATATGGAAGTGGCGCCATGGCCAATCTAGGGTCCCTGGCTCGCCTGGATTTCTTAATGGCTCCT
 CCGTAACCTCCTACGGCATAGTCCGTCAGCCCCACCATGGCAGCCTTTCGGTCAACCTCCCTC
 AAAGTGTAGCAGCACACGGCATTCTCATTCTCACCTGCAATGTCATCTCCGAGTAAACAGAAG
 AGCGCTTTTGGCGCCGTGGTCCGGCCCCAAGCCTCGCCTCCTCCTCCTGCACCAGCGCCAAACGGGAACG
 GACTGCAAGCTATGCTGGGCTGGTAGTCCCGCCATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001113415

Insert Size: 1791 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_001113415.1](#), [NP_001106886.1](#)

RefSeq Size: 5043 bp

RefSeq ORF: 1791 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 (1) encodes the longest isoform (1).