

Product datasheet for **MG209165**

Ebf3 (BC067018) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ebf3 (BC067018) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ebf3
Synonyms:	O/E-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG209165 representing BC067018
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTGGGATTCAGGAGAATATTCGCGCGGGGGACGACCATGAAGGAGGAGCCGCTGGCGACGGCA
 TGAACCCGGTGCCTCGTGGATGCACACGGCAGGCGTGGTGGACGCCAACACGGCCGCCAGAGCGGCGT
 GGGGCTGGCGCGGGCGCACTTCGAGAAGCAGCCTCCTTCCAACCTCCGAAATCCAATTTCTTCCACTTC
 GTGCTGGCGCTCTACGACAGGCAGGGGACGCGGTGGAGATCGAAAGGACCGCTTTTGTGGACTTTGTGG
 AGAAAGAGAAAGAGCCGAACAACGAGAAAACCAACAACGGCATTCACTACAAGCTGCAGCTACTGTACAG
 CAATGGCGTCAGAACAGAGCAAGATCTGTATGTCCGCCTCATAGATTCAATGACCAAACAGGCCATCGTG
 TATGAAGGCCAGGACAAGAATCCGGAGATGTGCCGCTGTGCTGACCCACGAGATCATGTGCAGCCGGT
 GCTGTGACAAGAAGAGTTGTGGCAATAGAAACGAGACACCCTCAGACCCTGTAATCATTGACAGATTCTT
 TCTAAAGTTCTTCTCAAGTGAATCAGAACTGCCTGAAGAATGCGGGCAACCCTCGGGACATGCGGAGG
 TTCCAGGTCGTTGTATCGACAACAGTCAACGTGGACGGCCACGTGCTGGCCGTGTCTGACAAATGTTTG
 TGCACAACAATTCAAAACACGGGAGGCGGGCCCGCCCTAGACCCGTCAGAAGCCACTCCGTGTATCAA
 GGCTATCAGCCCCAGTGAAGGCTGGACCAGGGGGTGCCTGTGATCATAATCGGGGACAACCTCTTT
 GACGGTCTACAAGTTGTGTTTCGAACTATGTTGGTGTGGAGTGAGCTGATAACCCCCACGCCATCCGAG
 TGCAGACGCCGCTCGACACATCCCTGGAGTTGTTGAAGTGACCCCTCTCTACAAGTCTAAGCAGTTCTG
 CAAAGGCGCTCCTGGACGCTTTGTCTACACTGCCCTTAATGAGCCAACCATAGATTACGGCTTCCAGAGG
 TTGCAGAAAGTGATACCCAGACATCCAGGTGACCCCGAAAGGTTACCCAAGGAAGTGTACTGAAGAGGG
 CAGCAGACCTTGTGGAAGCCTTGTATGGGATGCCTCACAATAACCAGGAGATCATCTGAAGAGAGCGGC
 CGACATTGCTGAGGCGTTGTACAGCGTTCCCGCAATCACAACCAGATCCCACCCCTGGGCAACACCCCA
 GCACACTGGCATGATGGGTGTAACCTTACGAGCCAGCTAGCCGTTAATGTGTCAGAGACCTCAC
 AAGCCAATGACCAAGTCGGCTACAGTCGCAATACAAGCAGCGTGTCCCGCAGGCTACGTCCCCAGCAG
 TACTCCCCAGCAGTCCAATTACAACACAGTCAGCACTAGCATGAATGGATATGGAAGTGGCGCCATGGCC
 AATCTAGGGTCCCTGGCTCGCTGGATTTCTTAATGGCTCCTCCGCTAACTCTCCCTACGGCATAGTGC
 CGTCCAGCCCCACCATGGCAGCCTTTCGGTACCCTCCCTCAAAGTGTAGCAGCACACACGGCATTCTT
 CTCATTCTCACCTGCAAATGTCATCTCCGAGTAAACAGAAGAGCGCTTTTGCGCCGTGGTCCGGCCC
 CAAGCCTCGCTCCTCTCTGACCAGCGCCAACGGGAACGGACTGCAAGCTATGTCTGGGCTGGTAG
 TCCCGCCATG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG209165 representing BC067018
 Red=Cloning site Green=Tags(s)

MFGIQENIPRGGTTMKEEPLGSGMNPVRSWMHTAGVVDANTAAQSGVGLARAHFEKQPPSNLRKSNFFHF
 VLALYDRQGQPVEIERTAFVDFVEKEKEPNNEKTNNGIHYKLQLLYSNGVRTEQDLYVRLIDSMTKQAIIV
 YEGQDKNPEMCRVLLTHEIMCSRCCDKKSCGNRNETPSDPVIIDRFFLKFLLKCNQNLKNAGNPRDMRR
 FQVVVSTTVNVDGHVLAUSDNMFVHNNSKHGRRARRLDPSEATPCIKAIISPSEGWTTGGATVIIIGDNFF
 DGLQVVFGTMLVWSELITPHAIRVQTPPRHIPGVVEVTL SYKSKQFCKGAPGRFVYTALNEPTIDYGFQR
 LQKVIIPRHPGDPERLPKEVLLKRAADLVEALYGMPHNNQEIILKRAADIAEALYSVPRNHNQIPTLGNT
 AHTGMMGVNSFSSQLAVNVSETSQANDQVGYSRNTSSVSPRGYVPSSTPQQSNYNTVSTSMNGYSGAMA
 NLGVPGPSGFLNGSSANSFYIIVSSPTMAASSVTLPSNCSSTHGIFSFSPANVISAVKQKSAFAPVVR
 QASPPPSCTSANGNGLQAMSGLVVPPM

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	BC067018 , AAH67018
RefSeq Size:	3787 bp
RefSeq ORF:	1763 bp
Locus ID:	13593
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]