

## Product datasheet for **RR206008**

### **Ebf3 (NM\_001108506) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ebf3 (NM_001108506) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ebf3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR206008 representing NM\_001108506  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTTGGGATTACAGAGAATATTCGCGCGGGGGGACGACCATGAAGGAGGAGCCGCTGGCGACGGCA  
 TGAACCCGGTGCCTCGTGGATGCACACGGCAGCGTGGTGGACGCCAACACGGCCGCCAGAGCGGCGT  
 GGGGCTGGCGCGGGCGCACTTCGAGAAGCAGCCTCCTTCCAACCTCCGAAATCCAATTTCTTCCACTTC  
 GTGCTGGCGCTCTACGACAGGCAGGGGACGCGGTGGAGATCGAAAGGACCGCTTTTGTGGACTTTGTGG  
 AGAAAGAGAAAGAGCCGAATAACGAGAAAACCAACACGGCATTCACTACAAGCTGCAGCTACTGTACAG  
 CAATGGCGTCAGGACAGAGCAAGATCTGTATGTCCGCCTCATAGATTCAATGACCAAACAGGCCATCGTG  
 TATGAAGGCCAGGACAAAAATCCGGAGATGTGCCGCTGTGCTGACCCATGAGATCATGTGCAGCCGGT  
 GCTGTGACAAGAAGATTGTGGCAATAGGAACGAAACACCCTCAGACCCTGTAATCATTGACAGATTCTT  
 TCTAAAGTTCTTCTCAAGTGAATCAGAACTGCTTGAAGAATGCGGGCAACCCTCGGGACATGCGGAGG  
 TTCCAGGTCGTTGATCGACAACCGTCAACGTGGACGGCCACGTGCTGGCCGTGTCTGACAAATGTTTG  
 TGCACAACAATTCAAACACGGGAGGCGGGCCCGCCCTAGACCCGTCAGAAGGTACGGCCCTTCTTA  
 TCTGAAAATGCCACTCCATGCATCAAGGCCATCAGCCCCAGTGAAGGCTGGACCACGGGGGGCGCCACT  
 GTGATCATAATCGGGGACAACCTCTTTGACGGTCTCCAAGTTGTGTTCCGAACTATGTTGGTGTGGAGTG  
 AGCTGATAACCCCCACGCCATCCGAGTGCAGACGCCCGCCGCGACACATCCCTGGAGTTGTTGAAGTGAC  
 CCTCTCTACAAGTCTAAGCAGTTCTGCAAAGGCGCTCCTGGACGCTTTGTCTACACTGCCCTTAATGAG  
 CCAACCATAGATTACGGCTTCCAGAGGTTGCAGAAAGTGATACCCAGACATCCAGGTGACCCCGAAAGGT  
 TACCAAGGAAGTGTACTGAAGAGGGCGGACACCTTGTGGAAGCCTTGTATGGGATGCCTCATAACAA  
 CCAGGAGATCATCTGAAGAGAGCAGCCGACATTGCTGAGGCACTGTACAGCGTTCCCGCAATCACAAAC  
 CAGATCCCCACCTTGGGCAACACTCCAGCACACACTGGCATGATGGGTGTGAACTCCTTACGACGCCAGC  
 TAGCCGTTAATGTGTCAGAGACCTCACAAAGCAATGACCAAGTCGGCTACAGTCGCAATACAAGCAGCGT  
 GTCCCCGCGAGGCTACGTCCCCAGCAGTACTCCCCAGCAGTCCAATTACAACACAGTCAGCACTAGCATG  
 AATGGATATGGAAGTGGCGCCATGGCCAATCTAGGGTCCCTGGCTCGCCTGGATTTCTAATGGCTCCT  
 CCGTAACCTCCCTACGGCATAGTCCCGTCCAGCCCCACCATGGCAGCCTTTCGGTCAACCTCCCTTC  
 AAAGTGTAGCAGCACACGGCATTCTTCTATTCTCACCTGCAATGTCATCTCCGCAAGTAAACAGAAG  
 AGCGCTTTCGCGCCCGTGGTCCGGCCCCAAGCCTCGCCTCCTCCTCCTGCACCAGCGCCAAATGGGAACG  
 GACTTCAAGCTATGTCTGGGCTGGTAGTCCCGCCCATG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR206008 representing NM\_001108506  
 Red=Cloning site Green=Tags(s)

MFGIQENIPRGGTTMKEEPLGSGMNPVRSWHTAGVVDANTAAQSGVGLARAHFEKQPPSNLRKSNFFHF  
 VLALYDRQQPVEIERTAFVDFVEKEKEPNNEKTNNGIHYKLQLLYSNGVRTEQDLYVRLIDSMTKQAI  
 YEQDKNPEMCRVLLTHEIMCSRCCDKKSCGNRNETPSDPVIIDRFLLKFFLKCNCNCLKNAGNPRDMRR  
 FQVVVSTTVNVDGHVLAUSDNMFVHNSKHGRRARRLDPSEGTAPSYLENATPCIKAIISPSEGWTGGAT  
 VIIIGDNFFDGLQVVFMTLWSELITPHAIRVQTPPRHIPGVVEVTLVSYKSKQFCGAPGRFVYTALNE  
 PTIDYGFQRLQKVI PRHPGDPERLPKEVLLKRAADLVEALYGMPHNNQE IILKRAADIAEALYSVPRNHN  
 QIPTLGNTPAHTGMMGVNSFSSQLAVNVSETSQANDQVGYSRNTSSVSPRGYVPSSTPQQSNYNTVSTSM  
 NGYSGAMANLGVPGSPGFLNGSSANSPYGI VPSSTMAASSVTLP SNCSSTHGIFSFSPANVISAVKQK  
 SAFAPVVRPQASPPPSCT SANGNGLQAMSGLVVPPM

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_001108506

**ORF Size:** 1788 bp

**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:**
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\\_001108506.1](#), [NP\\_001101976.1](#)

**RefSeq Size:** 4843 bp

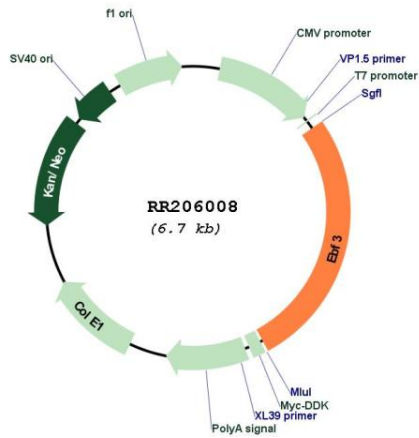
**RefSeq ORF:** 1791 bp

**Locus ID:** 361668

**Cytogenetics:** 1q41

**MW:** 64.9 kDa

Product images:



Circular map for RR206008