

## Product datasheet for **RN203287**

### **Ebf1 (NM\_053820) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ebf1 (NM_053820) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ebf1
Synonyms:	Ebf; Olf1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN203287 representing NM\_053820  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTTGGGATCCAGAAAGCATCCAACGGAGTGAAGCAGTATGAAGGAAGAGCCGCTGGCGACGGCA  
 TGAACCGCGGTGCGGACGTGGATGCAGGGCGCCGGGTGCTGGACGCCAACACAGCGCGCAGAGCGGGT  
 GGGTCTGGCCCGGCTCACTTTGAGAAGCAGCCGCTTCTAACCTGCGGAAATCCAACTTCTTCCACTTC  
 GTCCTGGCCCTCTACGACAGACAGGGCCAGCCCGTGGAGATTGAGAGGACGGCCTTTGTGGGGTTCGTGG  
 AGAAGGAAAAAGAAGCCAACAGCGAAAAGACCAATAATGGGATCCACTACCGGCTCCAGCTCCTCTACAG  
 CAATGGGATAAAGGACCGAACAGGATTTCTACGTGCGCCTCATCGACTCCATGACAAAACAAGCCATAGTG  
 TATGAAGGCCAAGACAAGAACCCGAAATGTGCCGAGTACTGCTCACACACGAGATCATGTGCAGCCGCT  
 GTTGTGACAAGAAAAGCTGTGGCAACCGAAATGAGACTCCCTCAGATCCAGTGATAATTGACAGATTCTT  
 CCTGAAGTTTTTCTTAAGTGTAAACAAAATTGCCTAAAGAATGCGGGGAACCCAGTGACATGCGGAGA  
 TTCCAGGTCGTGGTGTCTACCACAGTCAACGTGGATGGCCATGTCTGGCAGTCTCTGATAACATGTTTG  
 TCCACAATAACTCCAAACACGGGCGGAGGGCTAGGAGGCTTGACCCCTCGGAAGCAGCTACTCCCTGTAT  
 CAAAGCCATCAGCCCGAGTGAAGGATGGACGACGGGAGGCGGACTGTGATCATCATAGGGGACAATTTT  
 TTTGATGGGTTACAGGTCATATTCGGTACCATGCTGGTCTGGAGTGAGTTGATAACTCCTCATGCCATCC  
 GTGTTCCAGACACCTCCTCGGCACATCCCTGGTGTGTGGAAGTCAATTGCTCTACAAGTCCAAGCAGTT  
 CTGCAAAGGGACACCAGGCGAGTTATCTATACAGCACTCAATGAACCCACCATCGACTATGGTTCCAG  
 AGGTTACAGAAGGTCATTCGCCGATCCTGGTGACCCAGAGCGTTTGCCAAAGGAAGTGATCCTTAAAA  
 GGGCTGCAGATCTGGTTGAAGCCCTGTATGGGATGCCCCACAACAACCAGGAGATTATCCTGAAGAGAGC  
 TGCCGACATTGCTGAGGCTCTGTACAGTGTCCCTCGAAACCACAACCAGCTCCCGGCCCTCGCTAACACT  
 TCGGTCCACGCAGGGATGATGGGCGTGAACCTCCTTCAGTGGACAACCTGGCTGTGAATGTCTCTGAGGCAT  
 CACAAGCCACCAATCAAGGTTTACCCGCAACTCAAGCAGTGTGTACCACATGGATATGTGCCTAGCAC  
 CACCCACAGCAGACCAACTATAACTCTGTACCACAAGCATGAACGGCTACGGCTCTGCCGCCATGTCC  
 AATTTGGGCGGCTCCCAACCTTCTCAATGGCTCAGCTGCCAACTCACCTACGCCATTGTGCCATCCA  
 GCCCCACCATGGCCTCATCTACAAGCTCCCTCCAACGCAGCAGCTCCTCGGGCATCTTCTCCTTCTC  
 ACCAGCCAACATGGTCTCTGCTGTGAAACAGAAGAGTGTTCGCACCAGTTGTCAGACCCAGACCTCC  
 CCGCCTCCACCTGCACCAGCACCAACGGGAACAGCCTGCAAGCGATTTCTGGCATGATTGTCCCTCCCA  
 TG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_053820

**Insert Size:** 1755 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\\_053820.2](#), [NP\\_446272.2](#)

**RefSeq Size:** 2895 bp

**RefSeq ORF:** 1755 bp

**Locus ID:** 116543

**UniProt ID:** [Q63398](#)

**Cytogenetics:** 10q12

**Gene Summary:** transcription factor that may regulate several olfactory-specific genes [RGD, Feb 2006]