

Product datasheet for **MC219571**

Ebf4 (NM_001110513) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Ebf4
Synonyms:	Ebf3; O/E-4; Olf-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC219571 representing NM_001110513
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTTCCCGCACAGGACGCTCTGCCCCGGTGGGCTCCATCTGAAAGAGGAGCCGCTGCTGCCCTCCA
 GCCTGGGCTCGGTGCGCTCCTGGATGCAGAGCGCGGCATCCTGGACTCCAACACCGCGGCAGAGTGG
 CGTGGGCTGGCAAGAGCACATTTTAAAAAGCAGCCCCCTCCAACCTCAGGAAGTCCAACCTTCTCCAC
 TTCGTGCTGGCCATGTACGACCGGCAGGGGAGCCGTTGGAGGTGGAGCGCACAGCCTTCATCGACTTCG
 TGGAAAAGGATCGAGAGCCTGGGACGGAAGACAAACACGGGATCCATTACCGCCTTCGGCTGGTGTAT
 TAATAATGGACTTCGGACAGAGCAAGACCTCTACGTGCGCCTTATTGACTCCATGTGCGAAGCAGGCTATC
 ATCTATGAGGGACAGGACAAGAATCCTGAGATGTGCCGAGTGTGCTCACTCATGAGATCATGTGCAGCC
 GGTGCTGTGACCGCAAGAGCTGTGTAACCGGAATGAGACGCTTCTGATCCAGTCATTATTGACAGGTT
 CTTCTCAAATTTCTCAAATGCAACAGAACTGCTGAAGAATGCCGGGAATCCCCGAGACATGCGC
 CGCTTCCAGGTGGTGGTGTCCACGACCGTGAAGTGGCATGTGCTGGCTGTGTCGGACAACATGT
 TTGTGCACAACCTCCAAGCATGGACGCAGAGCCGACGCTGGACCTTCTGAAGCTGCCACCCCTG
 CATCAAGGCCATCAGCCAGGGGAGGGCTGGACCACGGGAGCGCCACCGTCATTATCATCGGAGACAAC
 TTCTTCGACGGGTTGCAGGTCGTGTTGGCAACGTGCTCCTGTGGAGCGAGCTCATCACTCCCCATGCTA
 TCCGGGTGCAGACACACCCCGACACATCCCTGGGGTAGTAGAAGTGACCCTCTCCTACAAGTCCAAGCA
 GTTCTGTAAAGGAGCCCTGGCGCTTGTCTACACAGCCCTGAATGAACCCACCATTGACTACGGATT
 CAGAGGCTCCAGAAAGTTATTTCCAGACACCCCGAGACCTGAGAGGCTACCAAGGAAGTGTGCTGA
 AAAGGCGGCTGACTTGGCGGAGGCCCTGTACGGAGTCCCCAGCAGTAACCAGGAGCTCCTCTGAAACG
 TGCGGCGGACGTGGCCGAGGCTCTGTACAGCGCCCGCGCGCCTGCACCACTCGGACCCCTGGCCCC
 AGCCACCCGCACCCCGCGTCTGGGTATCAATGCCTTCAGCAGCCCTTGGCCATCGCCGTGGGGATA
 CCACACCGGAGCCGGGCTATGCCCCGTAGCTGCGGCAGCGCTCTCCCCGGTTCGCGCCAGCCCCGGCTC
 TCAGCAGAGCAGCTATGGCAGTGGCCTTGAGCCGGCTCGGTAGCTATGGCGCCTGGTGTGACTGGC
 CTTGGCGTGCCCGGTCCCTAGCTTCTCAATGGCTCCACCGCAACCTCACCTTTCGCCATCATGCCCT
 CTAGCCCCCGCTGGCGGCTGCTCTCATGTCCCTTCCGGCCGCGCCCCACCACCAGCGTCTTCTC
 CTTCTCGCTGTCAACATGATCTGCGCTGTCAAGCAGAGGAGCGCCTTCGCCCTGTGCTGCGCCACCC
 AGTTCCCCATCGCAGGCTGCCCGAGCCACAGAGGGGCTTCCAGACCAGCCTTTTGAAGATACTG
 ACAAGTCCACTCTGCAGCCCGGGGACTCCAGGCTTGGCATACTCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001110513

Insert Size:

1800 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001110513.1, NP_001103983.1</u>
RefSeq Size:	2687 bp
RefSeq ORF:	1800 bp
Locus ID:	228598
UniProt ID:	<u>Q8K4J2</u>
Cytogenetics:	2 F1
Gene Summary:	Seems to weakly activate transcription. Binds an Olf-1 consensus site in vitro.[UniProtKB/Swiss-Prot Function]