

Product datasheet for **SC126186**

EBF4 (BC054347) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EBF4 (BC054347) Human Untagged Clone
Tag:	Tag Free
Symbol:	EBF4
Synonyms:	COE4; early B-cell factor 4; KIAA1442; RP5-860F19.3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC054347 edited
 CAAACTTCATCCCTAACTACTTGTTCAGCTCTTCTGTGACTCCTGAACTATGACTCTAG
 CCTTGGCACCCCAAGCAAGGCTCATAAATGTTTCCTAGCATCTCAGAATCCCAGGGGTTT
 TCAGCAGAAATCCTGAAGTAGTCCAGCTGTTGCTCATCTCATTTTTGGGGGTACCTCCC
 ACTGTTTGTTTTTTTGAATGTTCTGGTTTTGCTTTTGTCTTTACCTGGTCTGGCCCTGT
 CATCCCCAGCCCCGAGAAAAGGTCTCCAGAACCCTGAGAGGTCAGGGCTGGCCAGGAC
 CCTCACAGCTCCAGTGAGATCTGAGCCTGGTACCTGTGTGCAGCAGCCCATGTGGGGCCC
 CAGCCAAAGCTGCTCACTCTGGTGTCTCTCCCTGTTGTGTCTCCACCACCTTCCCTGCT
 GCGCCTGCCCTCCCGCCCCGCCCCGGAGTCATGCCCTCTAGCCCCCGCTGGCGGCTG
 CCTCTCCATGTCCCTCCCGCCGCTGCCCCACCACCAGCGTGTCTCCTTCTCGCCTG
 TCAACATGATCTCCGCCGTCAAACAGAGGAGCGCCTTCGCCCCGTGCTGCGCCCCCAA
 GCTCCCCACCCAGGCTGCCCTAGAGCCACGGAGAGGGGCTTCAGACCAGTCTTTTTG
 AGGATTCTGACAAGTTTCACTCTCCAGCCCGGGGCTTCAGGGCCTGGCATACTCCTAAT
 TACGGTCTGCAGCTGTTCCCATGGAGCCCGGACTGGAGGTCCTCTGGGATTCACAGCCA
 CACCCCGATGGTGGCACAGACAGATGCAGGGCCAGGGCCATGGGCGGACCTCAACCCGT
 GAGCTGAACGGGAGAGGCTTACCCCATGCTCAAGCCTCCCCGCTAGCAGCCCCACAG
 GCTTCTCTCGCCTCCCTGTCTTGGGGTAGTCAGAAGCCCCAGCACTGTGCAGATGCTCTT
 GGCAGGACAGCATCGCAGGGAGGTGCTGGGATTCTGGGCCTCACTGTCTGGGTCTTGGTT
 CCTCTGAAAGAGATGGATCTTGTGCAGACCAGGGTTGTTGAGTGAGGGGAGCGTGGGATG
 GGGACCGTGGGAAAGAGGACAGCTCAGGGAGAAGTGACCTGGAAGGTCTGTTTGCATC
 TGACCCATCTCAACTGGCCAGCATCCCAACTTCTTGCAGCGAAAGGTGGGCCCCCGC
 AGCCTCGGAGGCTGCCAGGCTCCCGTGGAGCTTCAAACAGCTGCTTGGCCCCGAGC
 TGCCCCCACTTCTTTGAGACCTGCACCTCATGCTTGCCGCATCATGCCTCCCTGTGGG
 GGCTTTGGGCATGGAGGAGGAGAGAGGGGTGCCAGGCTCCTGTATTGGGGTCTTC
 CCCCAGTGGATGTCTCATGGACTCTGGCCCCACACTACAATGACTCTGGCTGGCCCC
 ACGCAGCGGGCCAGCCGCCCCAGGTGGCCTCACATTCTGCTCTGCTAAGTTTGGAGA
 AAACAGAAACAATAAACAGATGCAGGTGGTGCCCGCCCGCCTCTCACCTGCCTCCTTGG
 TGTGAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC054347 unedited
 GGTTCATTAATATTTGTCAATACGATTCACTATGAGGGCGGACCGGTAATCCCGGGT
 TATCGTCGACCCACGCGTCCGAAACTTCATCCCTAACTACTTGTTCAGCTCTTCTGTG
 ACTCCTGAACTATGACTTAGCCTTGGCACCCCAAGCAAGGCTCATAAATGTTTCCTAGC
 ATCTCAGAATCCCAGGGGTTTTTTCAGCAGAAATCCTGAAGTAGTCCAGCTGTTGCTCATCT
 CATTTTTGGGGGTACCTCCCACTGTTTGTTTTTTTGAATGTTCTGGTTTTGCTTTTGT
 CTTTACCTGGTCTGGCCCTGTCTATCCCCAGCCCCGAGAAAAGGTCTCCAGAACCCTGAG
 AGGTGAGGGCTGGCCAGGACCTCACAGCTCCAGTGAGATCTGAGCCTGGTACCTGTG
 TCAGCAGCCCATGTGGGGCCCCAGCCAAGCTGCTCACTCTGGTGTGTCTCCCTGTTGTG
 TCTCCACCACCTTCCCTGCTGCGCCTGCCCTCCCCGCCCCGCCCCGGAGTCATGCCCT
 CTAGCCCCCGCTGGCGGCTGCCTCCTCCATGTCCCTCCCGCCGCTGCCCCACCACCA
 GCGTGTCTCCTTCTCGCCTGTCAACATGATCTCCGCCGTCAAACAGAGGAGCGCCTTCG
 CCCCCGTGCTGCGCCCCCAAGCTCCCCACCCAGGCTGCCCTAGAGCCACGGAGAGG
 GGGCTTCCAGACCAGTCTTTTGGAGATTCTGACAAGACTTACTCTCCAGCCCCGGGGCT
 CAGGGCCTGGCATACTCCTAAATACCGTCTGAAGCTGTTCCCATGGAAGCCGGACTGGGA
 GGCCCCCTCTGGGATCACAGCCACACCCCGGATGGTGGCACAAACTGATGCAGGGGCCA
 GGCCCATGGGCCGACCTCAACCCGTGAGCTGACGGGGAGAGGCCTCCCCCTA

Restriction Sites: Please inquire

ACCN: BC054347

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:	<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:	BC054347.1 , AAH54347.1
RefSeq Size:	1617 bp
Locus ID:	57593
Cytogenetics:	20p13
Gene Summary:	EBF4 belongs to the conserved Olf/EBF family of helix-loop-helix transcription factors, members of which play important roles in neural development and B-cell maturation (Wang et al., 2002 [PubMed 12139918]).[supplied by OMIM, Mar 2008]