

Product datasheet for **SC317207**

EBF4 (NM_001110514) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EBF4 (NM_001110514) Human Untagged Clone
Tag:	Tag Free
Symbol:	EBF4
Synonyms:	COE4; O/E-4
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 NM_001110514 edited
 GCCTCCGCCTCCCGGATGGACGCTCTGCCCCGACGCGGGCTGAACCTGAAGGAGGAGCCG
 CTGCTGCCCGCCGGCCTGGGCTCAGTGCCTCCTGGATGCAGGGCGCGGGCATCCTGGAC
 GCCAGCACCGCGGCAGAGTGGCGTGGGTCTGGCAGCAGCACATTTTGAAGAAGCAGCCT
 CCCTCAAACCTCAGGAAATCCAATTCTTCCACTTCGTGCTGGCCATGTACGACCGGCAG
 GGGCAGCCCGTGGAGGTGGAGCGCACAGCCTTCATCGACTTCGTGGAAAAGGACCGAGAG
 CCCGGGGCGAAAAGACTAACAAATGGGATCCATTACCGCCTCCGGCTGGTGTATAACAAT
 GGACTGCGGACAGAGCAAGACCTCTACGTGCGTCTCATCGACTCCATGTCCAAACAGGCC
 ATCATCTATGAGGGCAGGACAAGAACCCTCGAAATGTGCCGAGTCTGCTCACCCATGAG
 ATCATGTGCAGCCGGTGTGTGACCGGAAGAGCTGTGGCAACCGGAATGAGACGCCCTCA
 GACCCCGTCATCATTGACAGGTTCTTCTCAAGTTCTTCTCAAATGCAACCAGAAGTGC
 CTGAAGAATGCGGGGAATCCCAGAGACATGCGCCGCTTCCAGGTGGTGGTGTCCACGACG
 GTGAGCGTGGACGGACACGTGCTGGCCGTGTCGACAACATGTTTGTGCACAACAACCTCC
 AAGCATGGCCGACGGGCGCGCCCTGGACCCCTCCGAAGCTGCCACCCCTGCATCAAG
 GCCATCAGCCCCGGGAGGGCTGGACCACGGGCGCGCCACCGTATTGTCATCGCGGAC
 AACTTCTTCGACGGGTTGAGGTGCTGTTCCGAAACGTGCTCGTGTGGAGCGAGCTCATC
 ACGCCCCACGCCATCCGGGTGCAGACGCCCCCGCGGCACATCCCCGGGGTGGTGGAGGTG
 ACCCTCTCTACAAGTCCAAGCAGTTTTTGAAGGGATGCCCGGCGCTTTGTCTACACA
 GCTCTGAACGAGCCCACCATGACTACGGATTCCAGAGGCTACAGAAAGTCATCCCAGA
 CACCCCGAGACCCCGAGAGGCTGCCAAAGGAAGTGTGCTGAAGCGGGCGCGGACTTG
 GCAGAAGCCCTGTACGGAGTGCCCGGCAGTAACCAGGAGTGTCTCTGAAGCGCGCGGGC
 GACGTGGCCGAGGCTCTGTACAGCACCCCGCGCACCCGGGCGGCTCGCACCCCTGGCC
 CCGGACACCCACACCCCGCCGTGCTGGGCATCAACGCCTTCAGCAGCCCGCTGGCCATC
 GCCGTCCGGGACGCCACCCCGGGCCCGAGCCGGGTACGCGCGCAGCTGCAGCAGCGCG
 TCCCCCGCGGGTTCGCGCCAGCCCGGCTCGCAGCAGAGCGGTACGGCGCGGCCTC
 GGAGCTGGCCTGGGCGGTACGGCGCGCCGGGCGTGGCCGGCCTCGGCGTGCCTGGGTCC
 CCCAGTTCCTCAATGGCTCCACCGCCACCTCGCCCTTCGCCATCATGCCCTCTAGCCCC
 CCGCTGGCGGCTGCCTCCTCCATGTCCCTCCCGGCGCTGCCCCACCACCAGCGTGTTC
 TCCTTCTCGCTGTCAACATGATCTCCGCCGTCAAACAGAGGAGCGCCTTCGCCCCGCTG
 CTGCGCCCCCAAGCTCCCCACCCAGGCTGCCCCAGAGCCACGGAGAGGGGTTCCA
 GACCAGTCTTTTGAAGATTCTGACAAGTTCACTCTCCAGCCCGGGGCTTCAGGGCCTG
 GCATACTCTAA

Restriction Sites: Please inquire

ACCN: NM_001110514

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001110514.1](#), [NP_001103984.1](#)

RefSeq Size: 2931 bp

RefSeq ORF: 1797 bp

Locus ID: 57593

UniProt ID: [Q9BQW3](#)

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]
Transcript Variant: This variant (1) represents the longer, protein-coding transcript.