

Product datasheet for **SC322605**

EBF1 (NM_024007) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EBF1 (NM_024007) Human Untagged Clone
Tag:	Tag Free
Symbol:	EBF1
Synonyms:	COE1; EBF; O/E-1; OLF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322605
 CCACGCGTCCGGCCAAGCATACATCTCTAATTTTATTATTTTGGTCTTTTCGTTGGATTT
 TCCCTTTCTTCTTTTTTTCGGGTATCGCTCAGTTTTGAGCAGAGGTTTACATTTTTTAA
 AAATTTGCTTTCCAGCCCGCCTTGATCTTCTAAGTGCGAGTTCATCGTCTGAGAAAAAA
 AAAATCTCTGGTTGGCGTTTTTGTCTTTTCTTTTCTTTTCTTTTCTTTTCTTTTCTTTT
 TTTTTTAAATTTTTTCAAGGGGGAGGAGATTTCCACAAGAAAAGGTTGTTTTTCATGTT
 TGGGATTCAGAAAGCATCCAACGGAGTGGAAGCAGCATGAAGGAAGAGCCGCTGGGCAG
 CGGCATGAACGCGGTGCGGACGTGGATGCAGGGCGCCGGGTGCTGGACGCCAACACGGC
 GCGCAGAGCGGGTGGGTCTGGCCCGGCTCACTTTGAGAAGCAGCCGCTTCCAATCT
 GCGGAAATCCAACCTTCTTCCACTTCGTCTGGCCCTCTACGACAGACAGGGCCAGCCGT
 GGAGATCGAGAGGACAGCGTTTGTGGGTTTCGTGGAGAAGGAAAAAGAAGCCAACAGCGA
 AAAGACCAATAACGGAATCACTACCGCTTCAGCTTCTACAGCAATGGGATAAGGAC
 GGAGCAGGATTTCTACGTGCGCCTATTGACTCCATGACAAAAACAAGCCATAGTGTATGA
 AGGCCAAGACAAGAACCAGAAATGTGCCGAGTCTTGCTCACACATGAGATCATGTGCAG
 CCGCTGTTGTGACAAGAAAAGCTGTGGCAACCGAAATGAGACTCCCTCAGATCCAGTGAT
 AATTGACAGGTTCTTCTTGAAATTTTTCTCAAATGTAACCAAAATTGCCTAAAGAAATGC
 GGGAAACCCACGTGACATGCGGAGATTCAGGTCGTGGTGTCTACGACAGTCAATGTGGA
 TGGCCATGCTCGGCAGTCTCTGATAACATGTTTGTCCATAATAATTCCAAGCATGGGCG
 GAGGGCTCGGAGGCTTGACCCCTCGGAAGGTACGCCCTTATCTGGAACATGCTACTCC
 CTGTATCAAAGCCATCAGCCGAGTGAAGGATGGACGACGGGAGGTGCGACTGTGATCAT
 CATAGGGGACAATTTCTTTGATGGGTTACAGGTCATATTCGGTACCATGCTGGTCTGGAG
 TGAGTTGATCACTCCTCATGCCATCCGTGTGCAGACCCCTCCTCGGCACATCCCTGGTGT
 TGTGGAAGTCACACTGTCTACAATCTAAGCAGTTCTGCAAAGGAACACCAGGCAGATT
 CATTATACAGCGCTCAACGAACCCACCATCGATTATGGTTTTCCAGAGGTTACAGAAGGT
 CATTCTCGGCACCCTGGTGACCCTGAGCGTTTGCCAAAGGAAGTAATACTCAAAAAGGGC
 TGCGGATCTGGTAGAAGCACTGTATGGGATGCCACACAACAACCAGGAAATCATTCTGAA
 GAGAGCGGCCGACATTGCCGAGGCCCTGTACAGTGTCCCGCAACCACAACCAACTCCC
 GGCCCTTGCTAACACCTCGGTCCACGCAGGGATGATGGGCGTGAATTCGTTCAAGTGACA
 ACTGGCCGTGAATGTCTCCGAGGCATCACAAGCCACCAATCAGGGTTTCACCCGCAACTC
 AAGCAGCGTATCACCACACGGGTACGTGCCGAGCACCCTCCCGCAGACCAACTATAA
 CTCGGTCAACCACGAGCATGAACGGATACGGCTCTGCCGCAATGTCCAATTTGGGCGGCTC
 CCCACCTTCTCAACGGCTCAGCTGCCAACTCCCCTATGCCATAGTGCCATCCAGCCC
 CACCATGGCCTCCTCCACAAGCCTCCCCTCCAAGTGCAGCAGCTCCTCGGCATCTTCTC
 CTTCTCACCAGCCAACATGGTCTCAGCCGTGAAACAGAAGAGTGCTTTCGCACCAGTCGT
 CAGACCCAGACCTCCCACTCCACCTGCACCAGCACAACGGGAACAGCCTGCAAGC
 GATATCTGGCATGATTGTTCTCCTATGTGAAAGAATTGCCTTGAAGAATTGATTAATG
 AAGAGGTTGGATTCTGCTACAGAGAGTAATCTGATACAAGTCCCAGAGTGGAACTTTTAA
 CTCAGGCCTTTTTAAGAGGAATCACAATAACTGCAGATTTTTAAACAAAACAAAATCACC
 ACCTTGCAAATACTGAAATTGGAAGAGGGATCTGCAAGTGCAGGGTGTGGTTAAAGTTG
 TACCTCCCAAGTATTTGGGGGATATATTTATTCTGTATTGACAAAAGCAAATCCACTTTT
 TTTTTTCTTTTTTTTTTTTAAAGCTTAATTCTGCAATCATTTGTCTTTTATAAACCGTAA
 AGCTCTATAAAGGGACACTATAAATAAGACTCCATGTTTTAATTTATGATGTTTTTAA
 GCTGTGTAAGGAAGAATGAAGTGGTATTTTACAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_024007

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
OTI Annotation:	<p>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.</p>
Components:	<p>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).</p>
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:	NM_024007.2 , NP_076870.1
RefSeq Size:	2762 bp
RefSeq ORF:	1776 bp
Locus ID:	1879
UniProt ID:	Q9UH73
Cytogenetics:	5q33.3
Protein Families:	Transcription Factors
Gene Summary:	<p>Transcriptional activator which recognizes variations of the palindromic sequence 5'-ATTCCCNNGGGAATT-3'. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice junction at the 5' end of an exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is one aa shorter compared to isoform 1.</p>