

Product datasheet for **SC330334**

AIBZIP (CREB3L4) (NM_001255978) Human Untagged Clone

Product data:

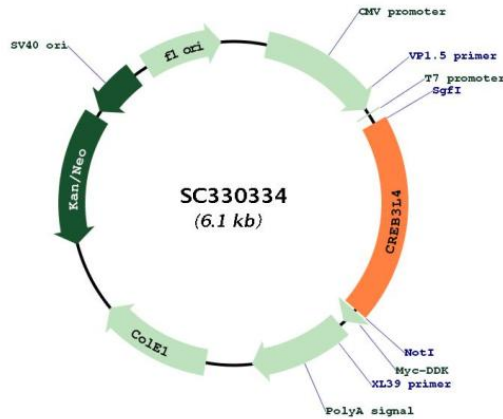
Product Type: Expression Plasmids
Product Name: AIBZIP (CREB3L4) (NM_001255978) Human Untagged Clone
Tag: Tag Free
Symbol: CREB3L4
Synonyms: AIBZIP; ATCE1; CREB3; CREB4; hJAL; JAL
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330334 representing NM_001255978.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGATCTCGGAATCCCTGACCTGCTGGACGCGTGGCTGGAGCCCCAGAGGATATCTTCTCGACAGGA
TCCGCTCTGGAGCTGGGACTCCACTGCCCCCTCCAGAGGTTCCGGTAACTAGGCTACAGGAACAGGGA
CTGCAAGGCTGGAAGTCCGGTGGGGACCGTGGCTGTGGCCTTCAAGAGAGTGAGCCTGAAGATTTCTTG
AAGCTTTTCATTGATCCCAATGAGGTGTACTGCTCAGAAGCATCTCCTGGCAGTGACAGTGGCATCTCT
GAGGACCCCTGCCATCCAGACAGTCCCCCTGCCCCAGGGCAACCAGTTCTCCTATGCTCTATGAGGTT
GTCTATGAGGCAGGGGCCCTGGAGAGGATGCAGGGGAAACTGGGCCAAATGTAGGCCTTATCTCCATC
CAGCTAGATCAGTGGAGCCCAGCATTTATGGTGCCTGATTCTCCTGCATGGTCAGTGAGCTGCCCTTGTAT
GCTCATGCCCACATCCTGCCAGAGCAGGCACCGTAGCCCCAGTCCCCTGTACAACCCTGCTGCCCTGT
CAAACCCTGTTCCCTGACCGATGAGGAGAAGCGTCTGCTGGGGCAGGAAGGGGTTCCCTGCCCTCTCAC
CTGCCCTCACCAAGGCAGAGGAGAGGGTCCCTCAAGAAGGTGAGGAGGAAAATCCGTAACAAGCAGTCA
GCTCAGGACAGTCGGCGGCGGAAGAAGGAGTACATTGATGGGCTGGAGAGCAGGGTGGCAGCCTGTTCT
GCACAGAACCAAGAATTACAGAAAAAGTCCAGGAGCTGGAGAGGCACAACATCTCCTTGGTAGCTCAG
CTCCGCCAGCTGCAGACGCTAATTGCTCAAACCTCCAACAAAGCTGCCAGACCAGCACTGTGTTTTG
ATTCTTTTTTTCCCTGGCTCTCATCTGCCCAGTTCAGTCCATTCCAGAGTCGACCAGAAGCT
GGGCTGAGGATTACCAGCCTCACGGAGTGACTTCCAGAAATATCCTGACCCACAAGGACGTAACAGAA
AATCTGGAGACCAAGTGGTAGAGTCCAGACTGAGGGAGCCACCTGGAGCCAAGGATGCAATGGCTCA
ACAAGGACACTGCTTGAGAAGATGGGAGGGAAGCCAAGACCCAGTGGGCGCATCCGGTCCGTGCTGCAT
GCAGATGAGATGTGA
```

Restriction Sites: SgfI-NotI



[View online »](#)

Plasmid Map:


ACCN: NM_001255978

Insert Size: 1188 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_001255978.1](#)

RefSeq Size: 1829 bp

RefSeq ORF: 1188 bp

Locus ID:	148327
UniProt ID:	Q8TEY5
Cytogenetics:	1q21.3
Protein Families:	Transcription Factors
Protein Pathways:	Huntington's disease, Melanogenesis, Prostate cancer
MW:	43.4 kDa
Gene Summary:	<p>This gene encodes a CREB (cAMP responsive element binding) protein with a transmembrane domain which localizes it to the ER membrane. The encoded protein is a transcriptional activator which contains a dimerization domain, and this protein may function in a number of processing pathways including protein processing. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein.</p>