

Product datasheet for **SC307574**

CREB3L2 (NM_194071) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CREB3L2 (NM_194071) Human Untagged Clone
Tag:	Tag Free
Symbol:	CREB3L2
Synonyms:	BBF2H7
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_194071 edited
 ATGGAGGTGCTGGAGAGCGGGGAGCAGGGCGTGTGTCAGTGGGACCGCAAGCTGAGCGAG
 CTGTGAGAGCCCGGGGACGGCGAGGCCCTCATGTACCACACGCACTTCTCAGAACTTCTG
 GATGAGTTTTCCAGAAGCTCTTGGGTGAGCTCCTGAATGATCCTTTCCTCTCAGAGAAG
 AGTGTGTCAATGGAGGTGGAACCTTCCCGACGTCCCGGCGCCTCTCATCCAGGCTGAG
 CACAGCTACTCCTGTGCGAGGAGCCTCGGGCCAGTCGCCCTTACCCACATTACCAGT
 GACAGCTTCAATGACGATGAGGTGAAAAGTGAGAAATGGTACCTGTCTACAGACTTCCCT
 TCAACATCCATCAAGACAGAGCCAGTTACAGACGAACCACCCCGAGACTCGTTCGGTCT
 GTCAGTCTGACCATCACAGCCATCTCCACCCCGTTGGAAAAGGAGGAACCTCCTTGAA
 ATGAACACTGGGTTGATTCTCGTGCCAGACCATTATTCCTAAAATTAAGCTGGAGCCT
 CATGAAGTGGATCAGTTTCTAACTTCTCTCCTAAAGAAGCCCCAGTGGACCACCTGCAT
 TTGCCGCCACCCTCCGAGCAGTCACGGCAGTACTCAGAGGGCAGCCTGAGTCCCAAC
 CCACGCCTGCACCCCTTCAGCCTGCCTCAGACCCACAGCCCTCCAGAGCTGCACCCCGG
 GCCCCTCCGCCCTCTCCAGCTCCCTCTCCTCACGGCTCCTCATAACTGCAGGGATCA
 GGCCCTCTGGTCTGACAGAGGAGGAGAAGAGGACCCTGATCGCTGAGGGCTATCCCATC
 CCCACAAATTGCCCTGTCAAATCAGAGGAGAAGGCCCTGAAGAAAATTCGGAGGAAG
 ATCAAGAATAAGATTTCTGCTCAGGAAAGTAGGAGAAAAGAAGAAAGAATACATGGACAGC
 CTGGAGAAAAAAGTGGAGTCTTGTCAACTGAGAACTTGGAGCTTCGGAAGAAGGTAGAG
 GTTCTAGAGAACACTAATAGGACTCTCCTCAGCAACTCCAGAAGCTTTCAGACTTTGGTG
 ATGGGCAAGGTTTCTCGAACCTGCAAGTTAGCTGGCACGAGACTGGCACCTGCCTCATG
 GTTGTGGTGTGCTTTGCCGTTGCATTCCGGCAGCTTCTTTCAAGGCTACGGGCCCTAT
 CCTTCTGCCACCAAGATGGCTCTGCCAGCCAGCATTCCCTGCAGGAGCCCTACACAGCC
 TCCGTGGTGGATCCAGAAACCTGCTGATCTACGAGGAACATTCTCCCCAGAGGAGTCA
 TCCAGCCCGGGCTCGGCTGGGAGCTGGGGGCTGGGATAGAGGTTCTCCCTGCTCAGG
 GTGTCAGGGCTGGAGTCCAGGCCGATGTGGATTTCCCATTTTCATTATCTCGAATGAG
 ACCAGCCTGGAGAAGTCAAGTCTTTGGAGCTGCAGCAGCACCTGGTCAGCGCCAAACTG
 GAGGGGAATGAAACACTAAAAGTTGTAGAAGTGCAGAGAAGAGTGAACACCCTTTCTAA



[View online »](#)

Restriction Sites:	ECoRI-NOT
ACCN:	NM_194071
Insert Size:	1600 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 is delivered as lyophilized plasmid DNA. The final clone has a 3 bp deletion.
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:	<u>NM_194071.2</u> , <u>NP_919047.2</u>
RefSeq Size:	7455 bp
RefSeq ORF:	1563 bp
Locus ID:	64764
UniProt ID:	<u>Q70SY1</u>
Cytogenetics:	7q33
Protein Families:	Transcription Factors
Protein Pathways:	Huntington's disease, Melanogenesis, Prostate cancer
Gene Summary:	<p>This gene encodes a member of the oasis bZIP transcription factor family. Members of this family can dimerize but form homodimers only. The encoded protein is a transcriptional activator. Translocations between this gene on chromosome 7 and the gene fused in sarcoma on chromosome 16 can be found in some tumors. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>