Product datasheet for SC310747

Zhangfei (CREBZF) (NM_001039618) Human Untagged Clone

Product data:

|	
Product Type:	Expression Plasmids
Product Name:	Zhangfei (CREBZF) (NM_001039618) Human Untagged Clone
Tag:	Tag Free
Symbol:	CREBZF
Synonyms:	SMILE; ZF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310747 representing NM_001039618. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTA
CCGAGGAGATCTGCCGCCGCGATCGCCGGCGCGCCC
ATGAGGCATAGCCTGACCAAGCTGCTGGCAGCCTCGGGCAGCAACTCCCCAACCCGCAGTGAGAGCCCG
GAGCCGGCTGCAACTTGTTCGCTGCCCTCTGACCTGACCCGGGCTGCAGCGGGGGAGGAGGAGACGGCG
GCGGCCGGATCTCCCGGCCGCAAGCAGCAGTTTGGCGACGAAGGAGAGTTGGAAGCCGGGAGGGGGAGC
CGCGGCGGCGTGGCCGTGCGCGCGCCCTCCCCCGAGGAGATGGAGGAGGAGGCGATCGCCAGCCTCCCG
GGGGAAGAGACGGAGGATATGGACTTTCTGTCTGGGCTGGAACTGGCGGATCTCCTGGACCCCAGGCAA
CCGGACTGGCACCTGGACCCCGGGCTTAGCTCGCCGGGGCCTCTCTCCTCGTCTGGCGGAGGCTCGGAT
AGCGGCGGCCTGTGGAGAGGGGACGATGACGATGAGGCCGCGGCTGCTGAAATGCAGCGCTTCTCTGAC
CTGCTGCAAAGGCTGTTAAACGGTATCGGAGGCTGCAGCAGCAGCAGTGACAGTGGCAGCGCCGAAAAG
AGGCGGAGAAAGTCCCCAGGAGGAGGCGGCGGTGGCGGCAGCGGTAACGACAACAACCAGGCGGCGACA
AAGAGTCCCCGGAAGGCGGCGGCGGCCGCTGCCCGCCTTAATCGACTGAAGAAGAAGGAGTACGTGATG
GGGCTGGAGAGTCGAGTCCGGGGTCTGGCAGCCGAGAACCAGGAGCTGCGGGCCGAGAATCGGGAGCTG
GGCAAACGCGTACAGGCACTGCAGGAGGAGAGTCGCTACCTACGGGCAGTCTTAGCCAACGAGACTGGA
CTGGCTCGCTTGCTGAGCCGGCTGAGCGGCGTGGGACTGCGGCTGACCACCTCGCTCTTCAGAGACTCG
CCCGCCGGTGACCACGACTACGCTCTGCCGGTGGGAAAGCAGAAGCAGGACCTGCTGGAAGAGGACGAC
TCGGCGGGAGGAGTCTGTCTCCATGTGGACAAGGATAAGGTGTCGGTGGAGTTCTGCTCGGCGTGCGCC
CGGAAGGCGTCGTCTTCTCTTAAAATGTAG
AGCCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	AscI-RsrII

View online »

Plasmid Map:
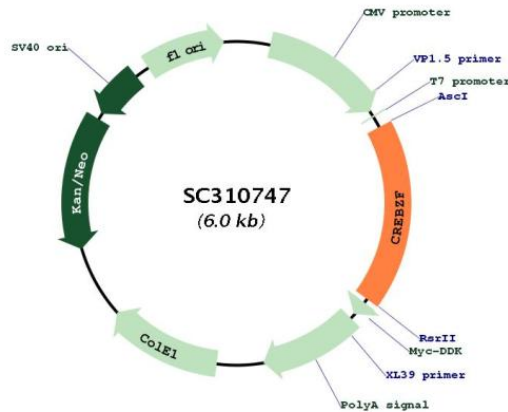
ACCN:	NM_001039618
Insert Size:	1065 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., 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_001039618.2
RefSeq Size:	7575 bp
RefSeq ORF:	1065 bp
Locus ID:	58487

UniProt ID:	Q9NS37
Cytogenetics:	11q14.1
Protein Families:	Transcription Factors
MW:	37.1 kDa
Gene Summary:	Strongly activates transcription when bound to HCFC1. Suppresses the expression of HSV proteins in cells infected with the virus in a HCFC1-dependent manner. Also suppresses the HCFC1-dependent transcriptional activation by CREB3 and reduces the amount of CREB3 in the cell. Able to down-regulate expression of some cellular genes in CREBZF-expressing cells. [UniProtKB/Swiss-Prot Function]
	Transcript Variant: This variant (1) represents the longest transcript and encodes the functional protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.