

Product datasheet for **SC201345**

CBF (CEBPZ) (NM_005760) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	CBF
Synonyms:	CBF; CBF2; HSP-CBF; NOC1
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_005760
Insert Size:	182 bp
Insert Sequence:	>SC201345 3'UTR clone of NM_005760 The sequence shown below is from the reference sequence of NM_005760. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC ACTCAAAAACTAAAAACAAAGGAAAAGATTATTAATGTAATTATAGATTAATAATTCTACTTACAT CTAATTTTGTCTGTTCAACCATGTTTTTGATCTAGCTCTGATCCATACATTCCAGACTTCTCAGT GGATTTGTAATAAACTATAAATAAATAGCTCTCATTATATAA ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_005760.3</u>
Summary:	This gene belongs to the CBF/Mak21 family. The encoded protein plays a role in cellular response to environmental stimuli through a transcriptional process that involves heat shock factors, conserved DNA elements (heat shock elements or HSEs) and CCAAT boxes. The protein acts as a DNA-binding transcriptional activator and regulates the heat-shock protein 70 (HSP70) promoter in a CCAAT-dependent manner. The protein is also involved in cell growth and differentiation, particularly, hematopoietic differentiation. [provided by RefSeq, Nov 2020]
Locus ID:	10153
MW:	7.1