

Product datasheet for SC122295

ATBF1 (ZFHX3) (BC029653) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ATBF1 (ZFHX3) (BC029653) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZFHX3
Synonyms:	AT-binding transcription factor 1; ATBF1; ATBT; AT motif-binding factor 1; OTTHUMP00000174934; zinc finger homeobox 3
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene sequence for BC029653 edited

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CCAATATCAGTAGCTCCTGCGGGGCCCCCTCGCCACCAAACAAAACCAACCCACCT
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 AA
 AA

5' Read Nucleotide Sequence:

>OriGene 5' read for BC029653 unedited
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 GCCATCGGGCACCCCGTGCACCTCAAGTGCACGCTGTGACTACTACCAACAGCCTG
 GAGGAGCTG

Restriction Sites:

Please inquire

ACCN:

BC029653

Insert Size:

3151 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).
RefSeq:	<u>BC029653.1</u> , <u>AAH29653.1</u>
RefSeq Size:	3151 bp
Locus ID:	463
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a transcription factor with multiple homeodomains and zinc finger motifs, and regulates myogenic and neuronal differentiation. The encoded protein suppresses expression of the alpha-fetoprotein gene by binding to an AT-rich enhancer motif. The protein has also been shown to negatively regulate c-Myb, and transactivate the cell cycle inhibitor cyclin-dependent kinase inhibitor 1A (also known as p21CIP1). This gene is reported to function as a tumor suppressor in several cancers, and sequence variants of this gene are also associated with atrial fibrillation. Multiple transcript variants expressed from alternate promoters and encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]