

Product datasheet for SC213707

SREBP1 (SREBF1) (NM_001005291) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: SREBP1 (SREBF1) (NM_001005291) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SREBF1
Synonyms: bHLHd1; HMD; IFAP2; SREBP1
ACCN: NM_001005291
Insert Size: 1318 bp
Insert Sequence: >SC213707 3'UTR clone of NM_001005291
 The sequence shown below is from the reference sequence of NM_001005291. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGCGGTGGGACCACTGTCACTTCCAGCTAGACCCCGTGTCCCGGCCTCAGCACCCCTGTCTCTAGCCA
CTTTGGTCCCCTGCAGCTTCTGTCTGCGTCGAAGCTTTGAAGGCCGAAGGCAGTGCAAGAGACTCTGG
CCTCCACAGTTTCGACCTGCGGCTGCTGTGTGCCTTCGCGGTGGAAGGCCCGAGGGCGCGATCTTGACC
CTAAGACCGGCGGCCATGATGGTGTGACCTCTGGTGGCCGATCGGGGCACTGCAGGGGCCGAGCCATT
TTGGGGGGCCCCCTCTTGCTCTGCAGGCACCTTAGTGGCTTTTTCTCCTGTGTACAGGGAAGAGA
GGGGTACATTTCCCTGTGCTGACGGAAGCAACTTGGCTTTCCCGGACTGCAAGCAGGGCTCTGCCCA
GAGGCCTCTCTCCGTCGTGGGAGAGACGTGTACATAGTGTAGGTGAGGTGCTTAGCCTCTGAC
CTGAGGCTCCTGTGCTACTTTGCCTTTTGCAAACCTTTATTTTCATAGATTGAGAAGTTTTGTACAGAGA
ATTAATAATGAAATTATTTATAATCTGGGTTTTGTGCTTTCAGCTGATGGATGTGCTGACTAGTGAGAG
TGCTTGGGCCCTCCCCAGCACCTAGGGAAAGGCTTCCCCTCCCCCTCCGGCCACAAGGTACACAACCT
TTAACTTAGCTCTTCCCGATGTTTGTGTTAGTGGGAGGAGTGGGGAGGGCTGGCTGTATGGCCTCCA
GCCTACCTGTTCCCCCTGCTCCCAGGGCACATGGTTGGGCTGTGTCAACCCTTAGGGCCTCCATGGGGT
CAGTTGTCCCTTCTCACCTCCCAGCTCTGTCCCACATCAGGTCCCTGGGTGGCACGGGAGGATGGACTGA
CTTCCAGGACCTGTTGTGTGACAGGAGCTACAGCTTGGGTCTCCCTGCAAGAAGTCTGGCAGCTCTCAC
CTCCCCATCCCAGGCCCTGGTCATCTCACAGCAAAGAAGCCTCCTCCCTCCCGACTGCCGCCACACT
GGAGAGGGGGCACAGGGGCGGGGAGGTTTCTGTTCTGTGAAAGGCCGACTCCCTGACTCCATTTCATG
CCCCCCCCCAGCCCCCTCCCTTCAATCCCAATCCCAACCTAAAGCCTGGCCCGGCTCCAGCTGAAT
CTGGTCGGAATCCAGGGCTGCAGATTTTCCAAACAATCGTTGTATCTTTATTGACTTTTTTTTTTTT
TTTTTTCTGAATGCAATGACTGTTTTTTACTCTTAAGGAAAATAAACATCTTTTAGAAACAGCTCGATA
CACACAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```



[View online >](#)

Restriction Sites:	Sgfl-Mlul
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.
RefSeq:	NM_001005291.3
Summary:	This gene encodes a basic helix-loop-helix-leucine zipper (bHLH-Zip) transcription factor that binds to the sterol regulatory element-1 (SRE1), which is a motif that is found in the promoter of the low density lipoprotein receptor gene and other genes involved in sterol biosynthesis. The encoded protein is synthesized as a precursor that is initially attached to the nuclear membrane and endoplasmic reticulum. Following cleavage, the mature protein translocates to the nucleus and activates transcription. This cleavage is inhibited by sterols. This gene is located within the Smith-Magenis syndrome region on chromosome 17. Alternative promoter usage and splicing result in multiple transcript variants, including SREBP-1a and SREBP-1c, which correspond to RefSeq transcript variants 2 and 3, respectively. [provided by RefSeq, Nov 2017]
Locus ID:	6720
MW:	48.2