

Product datasheet for **SC114318**

SFMBT1 (NM_016329) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SFMBT1 (NM_016329) Human Untagged Clone
Tag:	Tag Free
Symbol:	SFMBT1
Synonyms:	hSFMBT; RU1; SFMBT
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC114318 sequence for NM_016329 edited (data generated by NextGen Sequencing)

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ATGAACGGGGAGCAGCAGCTTGATGCAGATGCCGGCTCTGGTATGGAAGAGGTAGAATTA
AGCTGGGAAGATTATCTAGAAGAAACAGGGTCCACAGCAGTCCCTATGGGTCTTTTAA
CATGTGGACACACGTTTGCAAAATGGATTTGCTCCTGGGATGAAGCTGGAGGTGGCTGTG
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GCATGTAGTCCTCTGTTCCGCTGCTAGAGGGCCTCCGTAATGGGAGGAATCCTTTAGAT
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Clone variation with respect to NM_016329.3

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016329 unedited
 GGTTTCAGGATTNTGANATACGATTCATATAGGGCGGCCGCGATTCCGGCACGAGGCGATCC
 CCGACGAGGGGCAGGCAAACGGGCGCAGTGCCCGCGGCGCGGCACGCGCGCATCTGGGA
 TCCGGCCGCTTCTCCGCTCATGCCATCTTGTCCGAGCCAGTCACGTGCGGGCGACAGCGG
 CGCGCTTCGCGGGGCCGTACTCCAGGTCGACCCCGGAACCCCTCTGGGATCCCCGCCG
 CTCTGTCTACAACCCGAGCACTTTCATTGGACCCGTGGATACCCATTGAACAGATGCTT
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 GGATATAGCCTGCCTATATGCTGTGAAAATGAACGGGGAGCAGCAGCTTGATGCAGATGC
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 TGAGTTTCTGCGCAGACCCTGATAGGAGCATGTAGTCCCTCTGTCCGCTGCTAGAGGG
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3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016329 unedited
 CAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTCATCCCCAAATGAACTGTTTTAATTT
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 TCAGTGCTGACTTAAAGCTAAGTCTCTCTTTCCAAAAAAGAAAGCAGAGAACAAGT
 TCAATCTACAATGGGAGGGAACAGAATGAAAACAACAAAAGGGTCTTCCAGCAGCCT
 AGGTTATCTTTGTTTTTCAGGCCACACCACTGGAATGCTTTTCTTATATAAGCCTT
 TTCTCACAACCTTTATTTTTTAAAAACTGCCATCTGCTGAACAAGAGATGTCCACATTT
 CCACCAGCAGGTGATCCACTTCTGTGCACAGTTTTTGGTCTCTCACTGTGAGTCCCTCT
 CCCCAGAAAGTGCAAAGAGAGCAAGCTGATACCTGCAGGCCCCAGAGCCCCAGGACTATTC
 CAGCTCCACTTATAAAGCAGGGTGAAGGATTTGCTGCATTTGTGCTTCAAAGATCCAGCT
 CACTTTGGTTGCTTCTCAGTTGGCAAAGTCTCATAAAAAGCAAAGTATGATCCTCTCT
 ATGTGATGGCAAAGTTTGTATGGCACGGCCCAATTTAAGTCCATGCATTTTGAACAG
 TGGGAAGGGTAAGGAGCAACAGGGCCTTGCCCATCAATTCCTGCTCTAGGAATATCCTT
 GCTAATGGAGCACCAAGTCAAGTGGATCTGATGAACCCGCACACGTCTGCCCACTTCCATT
 TAAGGGGNTACTGCCAGGGGAAGCCTTTCACGNAATTCGATTCTTATTTCTTTGGAGA
 AGGGGGTTATTTTCATCGGCAAAAAAAGAAAAGTCGCGAGCCTCTTTTCTCTTGGTT
 TTTTGAACGCCGATGGGATTCTCACTTTGGCTGGCAAACAAGACCGGACTTTTTCTTG
 AACTTTTGAATCTCTGAAGCAACCTCGGGCGGGAGACCGCTCATTAGGACAACACCCC
 TCACCGGGCCCAT

Restriction Sites:

NotI-NotI

ACCN:

NM_016329

Insert Size:

3750 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).

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_016329.2](#), [NP_057413.2](#)

RefSeq Size: 3512 bp

RefSeq ORF: 2601 bp

Locus ID: 51460

UniProt ID: [Q9UHJ3](#)

Cytogenetics: 3p21.1

Domains: SAM, MBT

Protein Families: Transcription Factors

Gene Summary: This gene shares high similarity with the Drosophila Scm (sex comb on midleg) gene. It encodes a protein which contains four malignant brain tumor repeat (mbt) domains and may be involved in antigen recognition. [provided by RefSeq, Jun 2012]