

Product datasheet for **RN201117**

Sfmbt1 (NM_031647) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sfmbt1 (NM_031647) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sfmbt1
Synonyms:	Sfmbt
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201117 representing NM_031647
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACGGCGAGCAGCAGCTTGATGCAGATCTCGGGTCTGGTGTAGAAGTAGAGGAGTTCAGCTGGGAAG
 ATTATCTGGAAGAGACAGGCGCCACCACAGCTCCCTATGCATCGTTTAAACATGTGGATATATGTTTGCA
 AAGTGGGTTTGCCCTGGGATGAAGCTGGAGGTGGCTCTGAGGAAGGACCCTGAAACTTACTGGGTGGCC
 ACCGTCATTACGGCCTGTGAGCAGCTGCTCCTGCTCCGCTACGAAGGCTATGGGGAGGACCCTGGAAGGCAG
 ACTTCTGGTGGCAGATCAGGAGAGCTGGCCTTACCCCATCGGCTGGTGTGAGCAGAACAAGAAGACCCT
 CGAAGCTCCCGAAGGCATCAGAGATAAAGTGTCTGACTGGAGTGCATTCTACAGCGGACCCTGACAGGA
 GCCTGTGGTCCCCTGTGGCTCTGCTAGAGGGCCTCCGTAAACGGAAGGAATCCTTTAGATCTCATTGCTC
 CGGGATCCAGACTAGAATGCCAAGATTTTCGGGACTCTGTAAGCACGTGGATAGTTACTGTTGTGGAGAA
 CATTGGAGGACGGTTGAAGCTGCAGTATGAAGGACTTGAAGGCATGATGGTTTTGAACACTGGCTATAT
 TACTTAGATCCGTTTCTCATCACATTGGCTGGGCTGCTCAGCAAGGATACGAACTCCAGCCCCATTAG
 CCATCAGGCATCTGAAAAATGAAGCTGACTGGCAAGAGATTTTGGCCAGAGTGAAAGAGGAGGAGCCATT
 ACCCTCTTACTTATTTAAGGATAAGCAAGTTATTAGAACCATGAGTTTTCTATAAACATGAAGTTGGAA
 GCTGTGGACCCATGGTCTCCTTTGGGATTTCTCTGCTACAATTGCTAAGGTTTTTGTGATAAGTACT
 TTCTAGTGGAAATAGATGACCTTCGACCAGAAGACCACGCAAGGCGGTCAATTTGTGTGCCATGCTAACAG
 TCCTGGCATCTTCTGTGCAGTGGAGTCTAAGAATGGTTTACACATCAACCCTCCTCCAGGCTCCGG
 AGCCAGGACTTTGACTGGCCGACTACCTCAAGCAGTGTGGTGTGAAGCCGCTCCCAGAAAGTGTCTCC
 CGCAGTCAGTGTCTGAGCACCAAGTTCAAGGAAACATGAAGCTGGAGGAGTGAACCTCTCTTCCCTGA
 AGAAGTGAGCATAGCCACCGTACTGCAGTGAGAGGCTTTACCTGTGGCTCCAGCTGGAAGGTTCTAAG
 AAGCCTGTACCCGAGTTTATTGTAAGTGTGGAGTGCATGAATATATTTCTTTGGGCTGGTGTGAAACCA
 ATGGCCATCCTCTCAGTACTCCTCGCCGGGCACGAGGGCATAAACTGAGGAAAATTGCAGTGGTTCAACC
 CGAAAAACAAATACTGTCTTCAAGAAGTGTCCATGAAGGCCTGAAGAATCAGCTGAACTCCCCCACTCA
 GTGATGATCAATGGAAAATACTGTTGTCCAAAGATATACTTCAACCACCGTTGCTTCTCAGGGCCGTATC
 TTAATAAAGGAAGAATTGCTGAGCTGCCTCAGTGTGTAGGACTGGGAAGTGTGTTCTGGTCTTAGAGA
 GGTCTTACTTTGCTTATCAACGCAGCATAACAAGCCAGCCGTCTCCGAGAGCTCCAGCTGGACAAA
 GACTCTGTGTGGCATGGGTGTGGAGAAGTCTGAAGGCCAAATATAAAGGGAAGAGCTACCGAGCTACTG
 TTGAGATAGTGAGAACAGCGGACCGAGTGACGGAATTCGCCGGCAAACATGTATCAAACCTGGAATGCTG
 TCCCAACCTCTTTGGTCCACGCATGGTTCTGGACACATGCTCTGGAAGTGTCTGTCTGACGAAGACC
 AAATACACACACTATTATGGAAAGAAGAAAAATAAAGAATTGGGAGACCACCCGGTGGGCATAGTAATT
 TATCTTGTGCCCTGAAAAAACAGTAAGAGGAGAAAAAGGCGGAAAAATATTTTGTTCATAAGAAGAA
 ACGCTCTTCTGCATCTGTTGACAATACCCAGTGGGCTCACCCAGGGAAGCGGGGTGAGGATGAGGAT
 GATGCCGATGACGGAGATGATGATTCGCTCACTGAGGGCAGTACATCTGAGCAACAGGACGAGTTACATG
 AAGAGTCTGAGGTGTGAGAAAAAAATCATGCTCCCCTTCTCCCACCCAGAGTGAATGTCCACCCCACT
 GCCCCAGACACACAGCAGGATAAAGAGAGGCCAGACTTCTCACTCTCAGATGGTAAAAACAAGCCT
 CCTTACCAAAGGAAATAAGAATTGAAGTTGATGAAAGGCTTACCTGGACAGTAACCCACTGAAGTGA
 GTGTGGCCGACGTCGTGCGGTTTCATCAGGTCCACCGACTGCGCTCCGTTGGCAAGAATATTCCTTGTATCA
 GGAAATTGATGGGCAGGCCCTTGTCTCTTACCCTCCCCACTGTTCAAGAGTGCATGGACTTAAAGTTG
 GGCCCCGCCATCAAGCTCTGCCATCACATAGAGAGAATCAAGTTTGCCTTCTATGAGCAGTTTGCCAACT
 GA

ACGGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031647
Insert Size: 2592 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:	<ol style="list-style-type: none">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_031647.2 , NP_113835.2
RefSeq Size:	3321 bp
RefSeq ORF:	2592 bp
Locus ID:	58967
UniProt ID:	Q9JMD2
Cytogenetics:	16p16
Gene Summary:	a putative transcriptional repressor [RGD, Feb 2006]