

Product datasheet for **RN200726**

Sfmbt2 (NM_001107364) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sfmbt2 (NM_001107364) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sfmbt2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200726 representing NM_001107364
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGAGAGACGTTTGCCAGTTTTGAAGATCCGCACCTCATCCTCCTCTCTGGAAAGGATTACCAGCCCAG
 AAAATGGGAATGGGAGTCTTGACACAGAGGAAGATTCAGGCAGGAGGAACTGAGTTCAGCTGGGGAGA
 CTATTTGGATGAGACGGGTGCCAGAGCGGTACCACACGTGTGCTTCAGACATGTGGAGATCAGCATTGAG
 AGTAACCTCCAGCCAGGAATGAAGTTGGAGGTGGCCAACAAGAACCATCCAGACACTTACTGGGTGGCCA
 CGATCATCACCACTGTGGACAGCTGCTGCTCTGCGTTACTGTGGTTATGGGGAGGACCGAAGGGCTGA
 CTTCTGGTGTGATGTCATATAGCAGATCTGCACCCTGTGGGGTGGTGTACTCAGAACACAAGGTGTG
 AGGCCCCGGATGCTATCAAAGAGAAGTATGCCGACTGGGAGGAATTCCTCATACATGAATTGACTGGTT
 CTCGGACAGCACCTGCAAGCCTTCTGGAAGAGCTGCAGGACTCTCAGAATCCCTTCAGTACTGGATAGT
 TAGTGTGATTGAAATGTCGGAGGAAGATTACGCCTTCGCTATGTGGGATTGGAGCACACTGAATCCTAT
 GACCGGTGGTTATTTTACTTGGATTACAGACTTCGACCAATTGGTTGGTGTCAAGAAAAAATACAGAA
 TGGATCCACCTTCAGAACTTTATTATCTGAAGTTGCCTTTTGAATGGAATGTGCACTAGAAAAAGCCTT
 GCTTGCCGCTGCAGAGTGTCCCCTTCCAATGGAAGTATTTAAGGACCATGCAGACTTGGGAAGCCATTTC
 TTTACAGTTGGGATGCGGCTGGAGACATTGCACATCAATGATCCCTTTTATATCTATCCTGCAACAGTGA
 CCAAGGTTTTTAACAGTCAGTTTTTCCAAGTGGCCATTGATGACTTAAGAGCCGAGACTAATGGACTCAC
 AATGCTGTGCCACGCAGATTCTTTGGGGATTTTGGCAGTACAGTGGTGCCTTAAAAATGGAGTCAACCTC
 GCTCCTCCCAAAGTTACTCAGGCCAGGATTTTAACTGGGTGGATTATCACAAGCAGCGCGAGGCCGAAG
 GAGCCCCCTCTTACTGCTTCAAAAATACATTTGCTCGGGCTTTGCAAAGAACATGAAGCTTGAAGCTGT
 GAACCCCAAGAATCCAGGAGAGGTGTGCGTGGCCACTGTGATCAGCGTGAGAGGGAGTTTGTATGGCTC
 CGTTTAGAAGGTGTGGAGACACCGATGCCAGAGATCATTGTGGATATAGATTCCATGGACATCTTCCCCG
 TAGGCTGGTGTGAAGCGAATTCTTACCCTTTGACCACACCATAAAGTCGTCCTCAGGAGCCGCAATGA
 GAAGTACTACTGCCCACAGCTGTTCTGTAACCACCGGTGTTTCTCAGGCCGTTCTGAACAAAGGAAGG
 ATTTCAGAACTACCTCAGTCCGTGGGACCTGGCAAGTGCCTGCTGGTCTTAAAGAGATTCTTACCATGA
 TTACCAATGCAGCCTACAAGCCCGGAGGGTGTGAGAGAGTTACAGCTGGTAGAAGATCCAGAGTGGGA
 TTTCCAGGAGGAGGTGCTCAAGGCAAAATACCGAGGCAAAATATACAGGCGCGTGGTCAAGATCGTGCGG
 ACAGCAGACCAAGTAACAAGCTTCTGCCAGCAAGTTTGCCAACTGGAGTGTGTCCGAATTATTCA
 GTCCCCTGCTGATCTCTGAAACTGCCCGGAGAATTGTTCCATCCGCACCAAAACCAATACACCTATTA
 CTATGGGAAAAGGAAGAGGATCATTAAACCTCCACTCGGAGAAAGCAACACTGAAAGCGCACCAAAACCC
 ACCAGGAGAAGGAAACGAAGAAATCAATCTATGTGCAGAAGAAACGAAATCCTCTGCGGTGGCCATGC
 CAGCGACCTCGGCACAGCACATCCCTCTGCCCTCAGGAACTGAAGAGGACGATCCAGAGGCCCTGGAC
 ACTGCAAGCGAGGAACTGGTTACGTGGTCCAGAATTACAAGACACAGCATGTACCAG**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107364

Insert Size: 2091 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_001107364.1, NP_001100834.1

RefSeq Size: 2609 bp

RefSeq ORF: 2091 bp

Locus ID: 307106

Cytogenetics: 17q12.3