

Product datasheet for **RN209151**

Samd4b (NM_001107498) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Samd4b (NM_001107498) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Samd4b
Synonyms:	RGD1305597
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209151 representing NM_001107498
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGTTCCGAGACCAAGTGGGCATCCTCGTAGCTGGTTCAAGGGCTGGAATGAGTGTGAGCAGACAG
 TGGCCCTGCTGTCACTTCTGAAGCGGGTACCCGTACCCAAGCCCGCTTTCTGCAGCTCTGCCTGGAGCA
 CTAAGTGGCGGACTGCAATGATATCCACCTGCTGGAGTCAAGGCCAACAGTGTGCCATCGTCAGCCAG
 TGGCAACAGGAGTCCAAAGAGAAGGTGGTGTCCCTCCTGCTGTCCCATCTGCCCTGCTCCAGCCAGGCA
 ACACAGAGGCCAAGTCTGAGTACATGAGACTGCTGCAGAAAGTGTGGCCTACTCCATCGAGAGCAATGC
 CTTCAATTGAAGAGAGCCGCCAGCTCCTCTCGTATGCCCTCATCCACCCAGCCACCACGCTGGAGGACCGC
 AATGCACTAGCCCTCTGGCTGAGCCACCTAGAAGAGCGGCTAGCTAGTGGTTTCCGCACTCGGCCAGAGC
 CCTCTACCATTCAGCCAGGGCTCAGATGAATGGGGCGGACCTGCAGAGCTGGCCCTGGAGAGGCAGG
 GTCAGGCTGGCAGGACAAGCCACCCCGGAAACGGACACGTACCCTTCCACCCATCCAGCTCTGTGCCG
 CCGGCCATCAACAGTATTGGGAGCAATGCAAAACAGGTCTCCCTGCCAAATCCACCCTAGCCCACTGA
 AGCGCTCCATGTCACTCATCCCCACGAGCCCTCAGGCCCTGGTGGTGGCCGAGTCCAGAGGAGCTTGG
 GGCCCGGGCTGCTTTACCAACGCCCGACACGCACCCCTCTACCGCAGAGCAGTGTGGCTTCTCTGGC
 AGTGAGCAGACGGAGGAGCAGGGCTCCAGCCGGAACACGTTCCAGGAGGATGGCAGCGGGATGAAAGATG
 TACCCTCGTGGCTCAAGAGCCTCCGCTTGCACAAGTATGCTGCTCTGTTTTCACAGATGAGCTATGAAGA
 GATGATGACCCCTAAGTGCAGCAGCCTAGAGTCGAGAATGTACCAAAGGTGCCCGGCACAAGATAGCC
 CTGAGCATCCAGAAGCTGCGTGAGAGACAGAGCGTCTCAAGTCCCTAGAGAAGGATGTGCTGGAAGGTG
 GCAATCTGCGGAATGCTCTGCAGAACTGCAGCAGATCATCACTACTCTATCAAGGCCTACAGTGTCTCT
 TCAGGCTACCCCTACTGCCAAGGATGGGGGTGGGGGGAGCCGCTGCTGCCAGGTGCTGAGCCTCCCTC
 ACCCACCTGGATCAGACAAGGGCACTGAGGCCAAGGACCTCCAGCTGCAGAGAACTATCTCTCTCCAC
 CAGCTCCAGCCCCCTCTGATAGCAGTGAAGCAGCCCGAGCTCCCGTCCGCGACGAGAGACATCCCAAGCA
 GTTTACACGGGTGATGGGCAAGTATGCACCCAGCTGCTGGTGTCCCGACGAGACGAGGAGAACATCACC
 AGTTACCTCCAGCTCATCGAAAAGTGCCTGACTCATGAGGCTTTCACAGAGACACAGAAGAAGCGGCTGC
 TGTCTGGAAGCAGCAAGTGTGAAACTCTCCGACATTCCACGCAAGCTGCTCTGGACATGCAGAG
 CTACCGGCAGCAGAAGGGCTGGGCATTTGGCTCCAACCTCGCTCCCATAGCTGGCTCTGTGGGGATGGGT
 GTGGCCCGGGCGGACCCAGCGGCAGTTCCCAATGCCTCCTCGGGCATTACCACTGGCAGGATGGGCTCC
 TGAGCCCTTCTGGCATTGGGGGTGTCTCTCTCGACATGCCCTAACCAAGCCCAAGTCTTGGGGGTAGGG
 CCGACAGAACCTGTGGTTTGCCAATCCTGGAGGCAGCAACAGCATGCCAGCCAGAGCCGAGCTCTGTG
 CAGCGCACCCACTCGCTCCAGTTCACTCGTACCCCCAGGCTATTCTCATGTTCCCTCCAGACTGCCCGG
 TACCTGGGCTGACCTGGAGATCAATCTACCCTGGAGTCTCTGTGTCTGAGCATGACAGAACACGCCTT
 GGGTGATGGGACAGACAAAACCTCCACCATC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107498

Insert Size: 2064 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_001107498.1, NP_001100968.1

RefSeq Size: 4298 bp

RefSeq ORF: 2064 bp

Locus ID: 308473

Cytogenetics: 1q21