

Product datasheet for **RN205765**

Samd4a (NM_001107254) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Samd4a (NM_001107254) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Samd4a
Synonyms:	Samd4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205765 representing NM_001107254
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAACTGCTGCCAAGATCCTGGCACACTCTATCGACCATAACCAGCACATTGAGGAGAGCAGGCAGC
 TGCTGTCTATGCTTTGATCCACCTGCCACTTCCCTGGAAGACCGCAGTGCCTAGCCATGTGGCTGAA
 CCACTTGGAGGACCGCACATCCACCAGTTCGGTAGTCAGAACCAGGCCGCTCGGACTCTGTGGATTAC
 GGACAGACCCACTACTATCACCAAAGACAGAACTCTGAGGACAAGCTCAATGGCTGGCAGAACTCTCGGG
 ATTCTGGGATTTGCATCAGCGCTCCAAGTGGCAGGACAAGAGCCTGGGCTGTGAGAACGCCACGTGCC
 CCTGTATTCTTCTCGTCTGTCCCGCCACGATCAACACGATTGGAACCAGCACAAAGTACGATTCTCTCA
 GGCCAGGCACACCACAGCCCTTTGAAACGATCTGTGTCCCTTACCCACCCATGAATGTGCCAAACCAGC
 CTCTAGGACATGGATGGATGTCTCATGAGGACTTACGAGCTAGAGGACCTCAGTGCCTCCATCCGATCA
 TGCCCCCTGTCTCCACAAGCAGTGTAGCCTTTCAGGAAGTGGTGGGAGTGAACACTTGAAGATCAG
 ACCACTGCTCGTAACACATTCCAAGAAGAAGGTAGTGGTATGAAAGATGTTCCAGCTTGGTAAAAAGCC
 TTCGCTGCACAAGTACGCTGCGCTCTTCTCACAGATGACTTACGAGGAAATGATGGCCCTCACGGAGTG
 TCAACTGGAGGCTCAGAAATGTTACCAAAGGGGCAAGACACAAAATCGTCATCAGCATTGAGAAGCTCAA
 GAAAGACAGAACCTCCTGAAGTCTTTAGAAAGGGAGCTGCATCAGATGATCCTGACGCCCATCAAGGCC
 ACAGCTCTCCAGTACCACCCCTGAGGTGCGACGCCGGGAGCCCTTGTGATGGAGAGCCCGAGTCTCTGA
 CTGCAAAGACAGTGTGTACAGTACCAGCGCCACAGCCAGTGCCTCAGCCGGTGCAGCGGTGGGCTG
 CAACCACCCAGCTAAGCAGCTGCGACGGGAGCTGGCTGTGCCCTCTGCCGGAGGGGATCTCCCGG
 GACAGTTCACCCGAGTCAATGGGAAAGTGTGCACACAGCTCTTGGTCTCCAGACCCGACGAGGAAAATAT
 AAGCTCCTATCTACAGCTCTTAGACAAGTGTCTCGTTACGAGGCATTTACAGAGACACAGAAAAAAGA
 TTGTTGTCATGGAACAGCAGGTGCAGAAGCTCTTTCGGTCTTTCCTCGGAAAACCTTCTAGACATAT
 CAGGATATCGACAGCAACGAAATCGTGGCTTTGGACAGTCCAACCTCCCTCCCGACGGCCAGCTCTGTGG
 CAGTGGCATGGGTAGACGGAACCCACGACAGTACCAGATCGCATCTCGGAACGTCCCTTCTGCCGCCTT
 GGTCTCTTGGGCACAGTGGATTTGTGAGTCCAACCAGCGCCACACTGCTGCCAACCCACCATCATGA
 AACAGGAAGACAGAACCTCTGGTTTGGCAACCTGGGGCAGCAACAGCGTACCAGCCGACCCACAG
 CTCCGTCCAGAAGACCCGCTCGCTGCCCGTGCATACTTCCCACAAAACATGCTGATGTTCCAGCAACCA
 GAATTTACAGTTCCTCGTACTGAACCTGACATCAACAATAGGCTGGAGTCTTGTGCCTCAGTATGACGG
 AGCATGCCCTGGGAGACGGGTTGACCGGACCTCCACAAT**CAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107254
- Insert Size:** 1794 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_001107254.1](#), [NP_001100724.1](#)

RefSeq Size: 2914 bp

RefSeq ORF: 1794 bp

Locus ID: 305826

Cytogenetics: 15p14