

Product datasheet for **RN205559**

Samd8 (NM_001012040) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Samd8 (NM_001012040) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Samd8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205559 representing NM_001012040
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCGCGCTAGCCGAGCCGGCTCCCGCCAGCGCTCCGGCTCCCTGCCCGGCCCTTCGGTCTGCCTC
 TTGAGGCGCTGAGCTCCGCCTACGCGCCGAGGACCCCGACTCCGACGGCGCCATAGACACCGGCTCCGA
 GCTGGGTCCCGCAGCCCGGCTCCACCCGCGGAGGAAGTAGAAGAGGAAATGGCAGGCCCTAGTCAACTC
 TGCATTGCCCGCTGGACTCCAGGCATGTGGCGTGTGGCTGAAGGAGGAGGGGTTTTTTGAGTATGTGG
 ACATCTTATGTAACAAGCACCGTCTGGATGGAGTCACTGCTCACGCTCACCGAGTATGATCTCCGCTC
 TCCTCCTCTGAAATCAAAGTCTAGGAGACATTAACCGCTAATGCTCTCAGTCCGAAAACGCAGAAA
 ACACACATTGATTTTTGGAAGAGATGGTTACAACAGTGACAGTCCCATAAAGTCCCATGACGCCATTCA
 TCAGTCCCTTCAGAGTGCAGACTGGCTCTGTAATGGAGAGCCTGCACACAGCTGTGATGGGCCATCCC
 TGATCTGAGCTCTGATCAGTACCAATACATGAATGGCAAGAACAAGCACTGTGCCGAAGACTGGACCCC
 GAGTACTGGAAGACCGTCTGAGCTGTGTATATGTCTTTATAGTATTTGGGTTCCACTCTTTCATTATGG
 TCATTGTTACAGAGCGAGTGCCTGACATGCAGACCTACCCACCACTCCCAGATATATTCTTAGACAGTGT
 TCCTAGGATCCCGTGGGCCTTCTCCATGACTGAAGTGTGTGGCATGATCCTGTGCTACATCTGGATCCTG
 GTCCTCCTCCTTACAAGCACAGGTCAATCCTTCTGCGAAGGCTCTGTAGTCTGATGGGCACTGTATTCT
 TGCTTCGCTGCTTACCATGTTTGTGACCTCCCTCCTCCGTGCCAGGACAGCACCTGCAGTGTACTGGAAA
 GGTGATGGAAGTGTGTGGGAGAACTGCATCGGGCGTTGCCATTTGGAGTGGCTTCGGCATGACTCTG
 ACGGGCGTGCACACTTGTGGGGATTACATGTTTCAGTGGCCACACCGTTGCCTAACCATGCTGAATTTCT
 TTGTCACAGAATATACGCCAAGAAGCTGGAATTTCTTGCACACTCTCTCGTGGGTTCTCAACCTCTTGG
 AATCTTCTCATCTTGGCTGCCCATGAACATTATTCATTGACGTGTTTATTGCCTTTTATATCACAA
 AGACTCTTTTTGTACTACCACACTCTGGCTAATACCAGAGCGTATCACCAGAGCAGGAGAGCGAGAAATTT
 GGTTCCTATGTTTTCTTCTTGAATGCAATGTTAATGGCACAGTACCTAATGAATATTGTTGGCCATT
 TTCTAAACCAGCAATAATGAAAAGACTAATTGGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001012040
- Insert Size:** 1437 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_001012040.1, NP_001012040.1
RefSeq Size: 1567 bp
RefSeq ORF: 1437 bp
Locus ID: 305684
Cytogenetics: 15p16