

Product datasheet for **RN216689**

Samd7 (NM_001191703) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Samd7 (NM_001191703) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Samd7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216689 representing NM_001191703
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAAACCAATGATGTCGGTGAACCTTTACTGACAGCAGGACCACAGAGGGTCTCAATGGTTCCT
 CGCCATTTGGCCCTCCAATTGGGGACAGAGATGCCTTGCCCTTCCACTATAGCTCCAAGTACCCAAAGCCCA
 ATTTTGTGTTCTTCCCAATTTGGATCCTCTGGTCTCCCAAGTGCAAATACGCCAAACCCACTGCCGGT
 CACTTCTACTCAGGCTGGGGTATTTTACCACCTGAACCCATAAAGGCAGTGACCACAAGGAATGAGATGT
 TTGAAAGACATCACGCTGCCAGGGCAGAAATGGAAATGTATTCTTTACCAGCAACGTAGAATGGAAAG
 AGTCAATCCCAAAGGACTCTCTGGTCTGGGGATACCCTCTTCTATGGGTGAGTGTCTGGGTGGCCCC
 GCAGGTTTCCAGGGCAGGAGCACACTGCCAGCCAGTGATGTGCATGTGCACAGAAGCACCTTCAGACACC
 TTCAGGAAACCCCTGTTCTGCTAGCAACTAGACCACACTTACAGAGTGTGGGGCCAGAAATACCGACT
 CAGGAGAGGTACCGTTTACCAGAAGCCTCCAGAGATTGACTGAGAGTTTCAAAAGTCAAGCAGACGAG
 AAAAGCTCAGGCCAGATGCCACGGCTCCCTATGAAGAGGAAGAGTATATCAAAGACCCAGAAATGGGG
 TAGACAATCAGCAGGAGCCAAGGGTCACTGATGGAAACCAACTGCGGTCTCGCCAACCCCATGGAGA
 ACCCCAGCCAAACAGAGAAAACCTCTTCCATGGAGGCCAAGGCATGGGATGATGGGAAGGGAGAGCCC
 TCCGAGCAGGGCTATGAAGGCTGTGATGAAAAGAATGGAGTTTGCCTGCCAGCCTCCACCCTGCCTCTGC
 CAGGAACACAGGAGCCAGTTGCACTTACAGAAAACCGTCTTTGTCTGATATTCACAAGTGGACGGTGA
 TGATGTGTATAACTTCATCAGAAGTCTTCCAGGCTGCTCAGCATATGCCAGGTCTTTAAGGACCACGG
 ATTGATGGAGAAACACTGCCCTTCTTACAGAACAGCATCTTCGAGGCACCATGGGACTCAAGCTGGGCC
 CAGCACTGAAAAATTCAGTCTCAGGTATCTCAGCATGTGGGAAATATGTTCTGTAATAAACTTCTTCACT
 TCCTCCCATGCAAGGCAAGCATTGATCAGCCAGCAGACACATCCCTCTTTTGGCTATTGGTTCTTGG
 AGAGATGGATTGAGCATTCTGTTCCAGGACATAATGAGTCCAGAAAGAGCTGAACAAGACGTTATGA
 GAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191703
- Insert Size:** 1338 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191703.1](#), [NP_001178632.1](#)

RefSeq Size: 1338 bp

RefSeq ORF: 1338 bp

Locus ID: 310257

Cytogenetics: 2q24