

Product datasheet for **MC203358**

Samd10 (NM_172676) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Samd10 (NM_172676) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Samd10
Synonyms:	D930033N23Rik; E130318E08
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC052921
 CGGGGACCGGCTTGGGCTTGGCCGGCTGCGGCGGGTGGGAACGCGGTGTGCGTTGCCACCGGCCACACT
 GGCTGCCTGGTGTCCGCGAGGGGCGTGTGCCGAGCCGCACATCCGCGGGCTCCATGTTACCGAGCTG
 CGGTCCAAGCTGAGCCCCCGGAGCTCGCGCCGGGGCTGTGCGTCCGGGCTTCGGGGAGCGTCCGGATG
 TGGACGCCTCTGCCATTTACAGTTCTGCCAGACTCTCTAGAACACACAGTATCAGCTGAGAACAATACC
 CTGCCACCTGCCTCGGACACCAGGCACCGCCTCACGTGGCATGACTCCCGCAGCCAGAGGGCATCCAGC
 AGCAGGCCAATCAAGCTCCTTCAACAGCCGGCTCAGAGATCCCCAGGCCGGCTCTACTCTGATCACT
 ATGGTTTTGTACCATAACAAGCCCTTCACTGGGTGGCCTGACAAGGCCAGTGGTCTTGTGGAGCCAACAAGA
 CGTTTGCAAGTGCTCAAGAAGCATTGTCTCACAACCTCGTCTACGTCGAGGCCTTCTCCAGCAT
 GCCATCACTGGCCGAGCTCTGCTTCGACTGAATGCAGATAAGCTGCAGAGAATGGGGTTGACCCAAGAGG
 CTCAGAGGCAGGAGGTGCTGCAGCAGGTACTCCACCTGCAGGTTCTGAGGAGGGGCGGAGCCTGAAGCT
 GCTCAGCCAAGCTTCTTCGAAACATGTCTAGCTGCTGCCTATACTTGGACCCAGACCCCAACTG
 TGACCAGAGCCCACAGCCAAGAATGAGTCAGAATTGGCCCTACAGCCCTTTGGATCCTGCAGGATACCC
 TAGTGGCTAAACCTAGCCAGTGTATCAGGGAGGAGCAAGACTTCCACCTCAGGTGTCTCTGGAGAGGCA
 CTACAGGTTCTGCCCTGTGGCTGGGTGGTGGTGTGCTGCTTATAGACCCTTCTTCTGAGATCCAAG
 CCCAGGTCATCCCCTGGTGTGCTGGCAGCAAACAGGGTAGCTGCCTGGAACAGAAATGGGGTTTGA
 TGCCCCAGACTCCCAGGGAGTCTGTTATTTATTTCTCCCTCCAACATGTGACCATCCCCATCTGAGTC
 ATGAGTCTTCCCCTAAATCTTAGTTCTGTGCTTTCCCGGGCACCCCAGATCAGCCACACAGTGGGCC
 AAGCTGTCTTGGCTCTCTTTCAAGTATATCTGTCCCCTAGCTCTCCTAGAGTACAGCAGGCCCAACTGC
 TGTCATACTAATGGTGATCAATCATCATGCCATGTGCTTACTCGGTGATTATGAAACGTCAGTATACTC
 TACCCACTTGTAGAAGTGAGGTTGAGAGGGTCCAAGATGCTCAAGCTGCAAACCCAGTAAGTGGCAGC
 GATTCCAGTGTGTACAGGTGACTCTATGCACAGCCCACCAGTTCAGCAATGTTCTCAATCTTACCTTTG
 AAGAAGTCATGCTTTTAAACAGTTCCTTATCCCTGGCTTTAGTAGAGACCATTGGAAGAATGTGTG
 TTTGTGTCTGTCTGTCTGTGTTTCACTGTGCACCTCTGTGGCTTTCCCAAGAAAACCTGTTCTCAACC
 AAGAAAATCATGTAGGGAGTCTTTTATGTGTGCGCCAGACACCTGGACAACCCCTCCTTGGGTATTTGG
 GGGCTGTTGCTGCCAGGAAGGAGGACAAGGAGGATGACCCTGGCAGCTCACTCTCACTCTGCTCTTACC
 AACGTTCCAGGGACTCTAAAATCTCAGGGACAGTTGAGGCTCAGCCTCCAGTCCCCTCTGTGTGCCAAG
 AGCTGGCCTCGATTCAAGGTTGCTCATTACAGTTAATTTGGGCCATTGGCCTGGCATCTTCCATCTGTA
 TGCCCTCCATCCATGGAAGGGGGCTCCCTTATTGTGTTTGCCTGCCTCTAGAATCCCCAGTCTGGTGC
 CTGCAGCCAGAGGGCCCTCTGTCCCCCTCTCTGTCTTTTCTTCCCTATGCCCTGTCTTTCTTCTC
 CTTGGTTTTTGGTCACTTTTTATATACTCTGACAAAAAAAAAATCAGAAATAAATCTGGTTCTCAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_172676

Insert Size: 609 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: [BC052921](#), [AAH52921](#)

RefSeq Size: 2208 bp

RefSeq ORF: 609 bp

Locus ID: 229011

UniProt ID: [Q7TST3](#)

Cytogenetics: 2 H4