

Product datasheet for **MC217374**

Samd3 (NM_001115154) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Samd3
Synonyms:	Gm623
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:	>MC217374 representing NM_001115154 Red=Cloning site Blue=ORF Orange=Stop codon
	TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGAAACGTGGTCAGTTGATCAGGTCTGCAAATGGTTGGTGGAAAAAAGCTTAGGTGAGCTAGTCCCCA GGTTTCAAGAGGAAGAAGTCAGTGGGGCCACACTCCTGGCCCTTAATGATCGGATGGTACAGCAACTGGT AAAGAAAAATTGGACACCAAGGCTGTTCTGATGGACTTCATTAAGAAATACAAGCAGGGCAATCAAGAGCTG AAGCCTACGGGAGGCCCCGAGATACATCCACGCTGACCCCGGCACAAGCGGCCCTGAGCACGAACAAA ACCCTAGTCCCACGACCAGGGGACCAGACATCTTTGTATCCAGCCGTCCTTGACAATAGACTCATTGA TCAAAGAGTATTGAAGCAGAGAAGAAATGTAAACATGTTCTAGCAAGGCATAAAGCATTACAGTGGACT AAGTCCTACATCTTACCGAGTTTCCCTATGATGTCAAGTGCATGTTGGTGGAGCAGAAGCGCCCCGACC ACAGCATGCGGATAAGGATCATTGAGTTTCTCCAGGCAGATATGACTAAGTACCTGGAAGGCTCGCTGTA CCCCACCCAGCAGTACAACGACGTGGTCAATGCTCTGCTGCAGGCCACCCTTTCTGGATGAGGAC GGCTGTGGCTTTTTTTATGGAAACGAGCCCTCAAAGATCGCTTTAAATATATTGAAAGACCCATAGAAG ATGATGAACAAGTAATGAGGAATAAGTGTAATTTGGACACCGAAGAGGCCAGACAAGGAAGTCTCTTGC TGACATACAATCGAATGAAATTAATTTGTGCAGATCAAAGAAGATCTGCTCATTTAGACTCGGAGGTG GATGAACACATCAGCTGGTTCAGCAAGAGTATATGAAACAGAAAGGGACTGGAGAGAAGTTGACAAGA GGATGAGCCAGACTTTGGAAATAAGAAGAAAGATGATTGGCGGCCAAACACCTCTCAAGGACATTCTTAA GATGTTTCTTCTGAAGTGCCCTTACCAGATGTTCCAGAGAAGTTCAAATTTTACAAAAACAGATATT TATAAGAAAACAAGGCATATCCTGGAATCTACTCGGAAAATATACTGACTGCCTTTTCAGTGCTGGACA ATCCAATCAATACTGCCCTGCAAGAGAAGATGAAACACTACACTGACGAAGGGTGCTGAAGTACATGAA GATGACTGCCACGTGTTTACTCCTTCCACATGTTTTTGGGGATGAGCCCAGCCTTTTGTGCTTGTGAAT GGGAAGGTGCACGTGTCCACGCTGTGTTGGAAGTTAAAAACCTTTCCACATCAATGGCTGTGAGTTTT CTCTGTATTGACAAAGAGAAGCTCACAAAGGTGGATGACTGTGTACAGCTCTGGCTGCTTGGTGTG TGCTTTCCGTGTGTTGGGATCGAGTGTCCAAGAAGACTGTCCAAACCTTCACTTCTAGAGACATTG ATCTTTGACATGCAGAGTCCCCAGTTCCCTCTTGAAAGAAAAGGAAATCAGATCTCAACCTCCAATCA CTTAA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001115154
Insert Size:	1545 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001115154.1, NP_001108626.1</u>
RefSeq Size:	1892 bp
RefSeq ORF:	1545 bp
Locus ID:	268288
UniProt ID:	<u>Q8C4H2</u>
Cytogenetics:	10 A4