

Product datasheet for **SC306957**

SAMD14 (NM_174920) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SAMD14 (NM_174920) Human Untagged Clone
Tag:	Tag Free
Symbol:	SAMD14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306957 representing NM_174920. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGGCTTCTTCAAAGCTCCGAGAACCCGTGGATGAAGTTTTTGACCTGGACTTGGCTGTGCCAGAGACG
GCCAGACTGGACAGCAGTTTACACAAGGCCCGGCCCAACTGTTGGCCAAGGGCCGGAGACACCGGCCA
TCCCGCTCCAGGCTTCGGGACAGTGCCAGCTCCGCGGAGGATGGTGAAGGCTCGGATGGGCCCGGAGGC
AAGGTGACCGATGGCTGCGGGAGCCCCCTGCACCGGCTGCGCTCGCCTTTGCACTCAGGCCCGGGGTCC
CCGGCCGGGGGCTCTTTCTGCCTGGATCCTCCGGGTTGCGGCGCAGCCTGGACGAGGACGAGCCGCCG
CCCTCGCCGCTCACACGCTACCGGCCCTGCACAACGCTGCGTCGCACGAGGGCCTGGCCGCCCTCC
TGCTCTCCGCGCGCTCCGCGCCCTCCTCGACAGCTCCCCAGCTTCGTGCGCCGCCACCGCGCGCA
GAGCCGCACAGCGAAGATGACAGCCGTGACGCCAGTCTCCTGAGCCCGCCAGCCCCACCATCGGCCTC
GATAAGAAGACTCGCCGAAAGTTCCTGGACCTGGGGGTACCCTGCGCCGAGCATCCACGGGCAAGAGC
CGGAAGGAGAAAGGCAGCAACCGACTGTCCATGGGCAGCAGGGAGTCAGTGGAGGGTCCGGCAGGTCA
GGGGGCTCCCCGTTCTGCCTTTTCTGGTTCACGGACAGCGGCAAGGGCTCAGCATCTCGGGTAGC
ACCACCTCCCCACCTGCTCCCCAAACACGAGGGCTTCAGCCCTAAGAAGTCAGCTTCCAGGCCAG
CTCCTGGCTCATGCACAGGAGGCACTGAGCAACTCCTGGTGCCTAGTCCAGGACTTCGGCTCCACCCAG
ATAGGGATGGAATCCACTCTGAGTGATGACTCCACGCCCCCAGCAGCAGCCCCAAGATCCCCAGTGGG
CCCTGGCAGGAGGCCAAATGTTCTTACCCTACCACAGCTGTCTCAGTCTTCAGATGAGTTCCTGGAT
GAACCCCTCCCCCTGTCCACCACTGGACCAGCCAGCAGGTGGGCCAGTGGCTGCAGAGCCTCAACCTG
GAACAGTATGCTGCTGAGTTTGCTGCACGGCAGGTAGACGGGCCGAGCTGCTGCAGCTGGACGGAAGC
AACTAAAGAGCTGGGGCTCAGCAACTCTCATGACGGGCACTGGTGAAGCGCAAGTTGAAGGAGATG
GCAGCAGCTGCCGAGAAGGAGCGCAAGGCCAGGAGAAGGCTGCGCGGCAGCGGAGAAGCTCCGGCGC
CGAGAGCAGGAGGCCAAGAAGAGCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI



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ACCN:	NM_174920
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_174920.3</u>
RefSeq Size:	3316 bp
RefSeq ORF:	1338 bp
Locus ID:	201191
UniProt ID:	<u>Q8IZD0</u>
Cytogenetics:	17q21.33
MW:	48.1 kDa