

Product datasheet for **SC122538**

SAMD4A (BC021726) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SAMD4A (BC021726) Human Untagged Clone
Tag: Tag Free
Symbol: SAMD4A
Synonyms: SAMD4; SMAUG; SMAUG1; SMG; SMGA
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC021726 edited
AGCGGAGTTACTGAACCCCTTATCAAGCAGCTGCCTGGGACTCAATTTGCCCATCCATTG
GAGATTAACCGACATCATCGAGGGGGCAGCCTGCGCATCCCGCTCCAGGAACTGCACCA
GATGATCCTGACTCCGATCAAGGCTACAGCTCCCGAGCACACCCCGAGGCTCGCCG
CCGGGAGCCCCAGGCCCGCGTCAAGCCCTCACTGATGGGCCCGAGAGCCAGAGCCCCGA
CTGCAAAGATGGGGCCGAGCCACTGGCGCCACGGCCACCCCTCGGCCGGGGCCAGCGG
GGGGCTCCAGCCGACAGCTGAGCAGCTGCGATGGGGAGCTGGCCGTGCCCCCTGCC
AGAGGGGGACCTCCCGGGCAGTTCACACGCGTCATGGGAAAGTGTGCACACAGCTCTT
GGTCTCCAGACCTGATGAGGAAAATAAGTTCCTATTTACAGCTCATAGACAAGTGCT
AATTCATGAGGCATTTACAGAGACACAGAAAAAAGATTGTTGCATGGAACAGCAGGT
GCAGAAGCTCTTTCGGTCTTCCCTCGGAAAACCCCTTAGACATATCAGGATATCGACA
GCAAAGAAATCGAGGCTTTGGGCAATCCAACCTCCCGACGGCTGGCTCTGTGGGCGG
TGGCATGGGCAGACGGAACCCGCGCCAGTACCAGATCCCTCTCGGAACGTCCCTTCCGC
CCGCTGGGCCTTTGGGCACCAAGTGGATTCGTGAGCTCCAACAGCGCAACACCACAGC
TACCCCAACCATCATGAAACAAGGAAGACAGAACCTGTGGTTTGCCAACCCCGGGGGCAG
CAATAGCATGCCAAGCCGACCCACAGCTCAGTCCAGAGGACCCGCTCGCTGCCCGTGCA
CACTTCCCACAGAACATGCTGATGTTCCAGCAGCCAGGTTCCCAAGTTCACAGTGGACT
GTGTTTAAACAGACCTTAGAGGTTGGTTGAGCCTGAGTGGAGCCCCCTTCCATGCCAGCGCT
GACAGTCCCCAAGTCCCTCCAGGGAGAATTCAGCTTCCGTGACCGAACCTGACATCAA
CAACAGGCTGGAGTCGTTGTGCCTCAGTATGACCGAACACGCCCTGGGAGACGGGTTGA
CCGGACCTCCACCATCTAGAAGCTGAAGACGAGAGTGACCGCGCTGGCCGTGAAATCGAC
TGCTGCGGGTCCAGTGTCCGCCATTTCCAGGGTTGCACAGAATCCTCAAGATACTTTGC
AGCCTTTTTTCCCTGCTCCCTCTCCCGTTTTGATTTTGTGAGAGCGTAGGTCATCCTC
GTAACATATCAGTAGACCTGGAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC021726 unedited GTTGCATTTGTAACGACTCCTATAGGCGGCCGCATAACTTCGTATAGCATAATTATAC GAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGAGTTACTGAA CCCTTATCAAGCAGCTGCCTGGGACTCAATTTGCCCATCCATTGGAGATTAACCGACAT CATCGAGGGGGCAGCCTGCGCATCCCCTCCAGGAAGTGCACAGATGATCCTGACTCC GATCAAGGCCTACAGCTCCCCGAGCACCACCCCGAGGCTCGCCCGGGGAGCCCCAGGC CCCGCTCAGCCCTCACTGATGGGCCCGAGAGCCAGAGCCCGACTGCAAAGATGGGGC CGCAGCCACTGGCGCCACGGCCACCCCTCGGCCGGGGCCAGCGGGGGCTCCAGCCGCA CCAGCTGAGCAGCTGCGATGGGGAGCTGGCCGTGCCCCCTGCCAGAGGGGACCTCCC CGGGCAGTTCACACGCTCATGGGGAAAGTGTGCACACAGCTCTTGGTCTCCAGACTGA TGAGGAAAATATAAGTTCCTATTTACAGCTCATAGACAAGTGTCTAATTCATGAGGCATT TACAGAGACACAGAAAAAAGATTGTTGTCATGAAAACAGCAGGTGCAGAAGCTTTTCG GTCTTTCCCTCGAAAACCCCTTAGACATATCAAGATATCGACAGCAAAGAAATCGAGG CTTTGGGCAATCCAACCTCCCGACAGCTGGCTCTGTGGCGGTGGCATGGGCAGACA GAACCCGCGCCAGTACCAGATCCCTCTCGGAACGTCCCTTCCGNCCGCCTGGGCCTCTT GGGCACAGTGGATTTCGTGAGCTNCAACCAGCGCAACACCACAGCTACCCCCACCATCAT GAAATCAGGGAGGACAGACCCTGTGTTTNGCCAACCCNGAGGNCAGCAA
Restriction Sites:	Please inquire
ACCN:	BC021726
Insert Size:	1500 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:	<ol style="list-style-type: none"> 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:	BC021726.1 , AAH21726.1
RefSeq Size:	1358 bp
Locus ID:	23034
Cytogenetics:	14q22.2
Gene Summary:	Sterile alpha motifs (SAMs) in proteins such as SAMD4A are part of an RNA-binding domain that functions as a posttranscriptional regulator by binding to an RNA sequence motif known as the Smaug recognition element, which was named after the Drosophila Smaug protein (Baez and Boccaccio, 2005 [PubMed 16221671]).[supplied by OMIM, Mar 2008]