

Product datasheet for **SC103189**

SMIM12 (AK094860) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: SMIM12

Mammalian Cell None

Selection:

Vector: pCMV6-XL4

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC103189 sequence for AK094860 edited (data generated by NextGen Sequencing)

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ATGACATCCCCTCTTGTCTTTCCTCTCTTCTCCTGATGCAATGGCCAAAATGCTGGAA
ATGGCTGCCTTAAATGTAGGGACCATTAGGATCTCGCTCAACACAGAACCAGGCCACCT
GTAATAACACAGCTGGCTCCCAGTCTGAAACCCTGCCTTTCTGCCCTGAATGGGGTGCA
GAGAACCAGTCCAGACACCTGAAACTGCCACCCTTCTTCATCTGTAGGTGCAGGGGCCCT
CTGTATCAGGAAGAGAGCCTCTCTGAAATCCACTGTCAATCTGGGCTTTTCCTGGACCAG
CTCTCCTTACCTACCCCTTCTCTAGCCTGTCAGTTTCACTCATTATTGGACATTTATA
AGCACTAAGTATGTACCAGGCATCATGCTGGCCTTTGGTGGTACCAACAAATAA
```

Clone variation with respect to AK094860.1

5' Read Nucleotide

Sequence:

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>OriGene 5' read for AK094860 unedited
NGGGCGTTCAAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGTGTG
AGCTTCCTGAGCAAATGCCTTTCCGTTTTAATATGAGACTTTGCCTTTTGAATCATATT
TTTCTTATGTTTACTTTTCTTATTATTATTATCATTATTATTATCATTTTGGTTTG
GATCTAGTTAGAGTTTCCCTTTTCCATTTAAATTTGGTCCTGATATTTTGCTTTTGGCT
TCCCCATGTCTCAATTTGTTAAATCTTATTGTTCTATGTAATTTGAATTGCTACATCCTT
TCTGTTGACTAGCTCCTTGCTCAGAATAACTTTCCACACCTGGAACCTTTGGCGTAGGAG
TTCTTTTCACTTTTATGCATTTCCCGCGACATTACAGGGTGAGTACGTAGCAGATGAGTG
CTTGTGAGCCTTTCTCTGGGATTCACACAGATGGCTCACTCCTAACTTTGGTGAGTCAT
TCAGTGGCCAGATGTTTGCCTCTTCTCTCTCCCACTCTACCCCAACAATTCAGTGTAC
TGTTCTTTGAATGACATCCCCTCTTGTCTTCTCTCTCTCTCTGATGCAATGGCCAA
AATGCTGGAATGGCTGCCTTAAATGTAGGGACCATTAGGATCTCGCTCAACACAGAACC
CAGGCCACCTGTAATAACACAGCTGGCTCCCAGTCTGAAACCCTGCCTTTCTGCCCTGA
ATGGGGTGACAGAGAACCAGTCCAGACACCTGAAACTGCCACCCTTCTTCATCTGTAGGTG
CAGGGGGCCCTCTGTATCANGAAGAGAGCCTCTCTGAAATCCACTGTCAATCTGGGCTTT
TCCTGGACCAGCTCTNCTTACCTACCCCTCTCTAGCCTGTCAGTTTCACTCATTATTG
GACATTTATAGCACTNAGT
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Restriction Sites:	NotI-NotI
ACCN:	AK094860
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:	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:	AK094860.1 , BAC04438.1
RefSeq Size:	1808 bp
RefSeq ORF:	414 bp
Locus ID:	113444
Cytogenetics:	1p34.3