

Product datasheet for **SC100529**

SMIM3 (NM_032947) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SMIM3 (NM_032947) Human Untagged Clone
Tag:	Tag Free
Symbol:	SMIM3
Synonyms:	C5orf62; MST150; NID67
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100529 sequence for NM_032947 edited (data generated by NextGen Sequencing) ATGGATGCAGTCAGCCAAGTCCCCATGGAAGTCGTGCTTCCCAAGCACATCCTGGATATC TGGGTTATTGTCCTCATCATCCTGGCCACCATTGTCATCATGACCTCGTTGTTGCTGTGC CCAGCCACTGCAGTAATCATCTATCGCATGCGGACTCATCCGATCCTTAGTGGGGCTGTT TGA

Clone variation with respect to NM_032947.4

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_032947 unedited NNGGTTTGAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGCGTCCTG GCCGCTCCTGCGCTCTCCCGCCTCCCGGGGCTCGGAGGAGCCGGGGCACGTTCCAGGAGC TGCTAGGGCTGAGGTTCCAGGCCTGGGGTTCGCTTCCAGCTGCCAGATCCCGTGCAATC CTGGGGACCCTGAGAAGCACCGAGCCATCCCTGACCCAGGAATTTCCGCAGACTCGCCG CCATCTGGGAGTGAAGCAACATGGATGCAGTCAGCCAAGTCCCCATGGAAGTCGTGCTTC CCAAGCACATCCTGGATATCTGGGTTATTGTCCTCATCATCCTGGCCACCATTGTCATCA TGACCTCGTTGTTGCTGTGCCAGCCACTGCAGTAATCATCTATCGCATGCGGACTCATC CGATCCTTAGTGGGGCTGTTTGGAGCCTCCCAAGAGGGCCGGGTGAGGGATGAGGACAG GCATCCTATCCCCAGCCTTTCCTGTCTTCAAAAAGCAGCAGGAGGGACTTTGGGGCAT GGACCTGAGTTCTGGTTTTGATTCTGCCACGAGCCAGCTGTGTGAATTTGGTCAAGGGAC CTAACTCTCTGAGTTCCAGGTTCTTATCTTTCAATGGGGATGGTGATCCCTGCCCTTTC TACCTCATAGGGATGTGAGAACCACCTGACTTAGTGGATGTGAAAGCTGTTTGTGATCAG TAAAGCTACCACAGATATAANGGGTGTATGCTGAATCCTGAGAAGCTTTCAGAAAACCG AGACCTGATTGCTGATGATGGGCCTTAAGTGGTGAGGGAGATACTGGNGGCAGAGCAGAC TTTGCCAGTGCCCTCAGGTCAAACCCAGCCAGACACCCCTGTCCATTNCAGGGGCCAG CAGCACTTGGCCCAAGTATTTCTTTTAGNGCCATTCTA
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_032947 unedited GTAAACTATGNACGCGGCCCAATCTATGATCGGTTTTTTTTTTTTTTTTTTTTTTTCAC ATTCTAGCACTTTATTGGAACTTGTTGTGTACATCAATGAGATCACATCAAAGTAAAA GCAGCATTTTCACACAATAATATCCCGATATCTGTGCTATCTTCTTACATAATTTAATAA ATCCCAAGATGCTCCTGATTTTGGTATCGAAGAGCTTGAGTGGTCCAGAAATATCTCTAC ATAAATATAAATCATCACATCTAAAATAACCATCATTGTTTTAGTAGGTCCAAAAAGTCC TGGGAACACCTCTTAAAATATAATTGCCATAGGCTGGCTGCAAAGCTGGTGGGAGGGAGT GAAGGGGTACACGTGGAGCTAATTACAGCAGGAGCTGGGCAGAGGGACACACAAAGGG GATGGGGGCCAGAGATCCCGAAAGCTGGGCAGGGAAGTCACTCACCTGCATTTTCCAAC ATTGCTTGAGTGTCAAAGCTAACAGATGTGAGACTCCAGTGCAGAAAGAAGCCCATCACC CCAACTCCCTTGGCAGTGCCCAAAGATGGCACAGCCTTCCCTTTCAGATTACACAGGGGCG AGATTCTGGAATGGAGAAGGTTCTGAAAGCTCTACCCATCACCTCCAAACTGAGAAAC ATGAAGGGATGGGCCCTTAAGAAATACTTTGGCCAAAGTGTCTGCTGGCCCTTGGATG GGGACAGGNTGCTTTGGCTTGGTTTGACCTGAAGGGCACTGGCAAAGTCTGCTCTGCC CCATATCTCTCACCACCTTTAAGGCCTCATACAATCAGTTTCTGGTCTTGAAGCT CTAAGATCACCATACACCCTAATTCTGTGGAGCTTACTGATAACAAAAGCTTTACA
Restriction Sites:	NotI-NotI
ACCN:	NM_032947
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:	<u>NM_032947.2</u> , <u>NP_116565.1</u>
RefSeq Size:	1474 bp
RefSeq ORF:	183 bp
Locus ID:	85027
UniProt ID:	<u>Q9BZL3</u>
Cytogenetics:	5q33.1