

## Product datasheet for SC111557

### SMIM29 (NM\_178508) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SMIM29 (NM\_178508) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** SMIM29  
**Synonyms:** C6orf1; LBH  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL4  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**Fully Sequenced ORF:** >OriGene ORF within SC111557 sequence for NM\_178508 edited (data generated by NextGen Sequencing)

```
ATGTACAGAAGAAAAAGCGGGTGGACCGGCTGCGCCATCACCTGCTCCCCATGTACAGCT
ATGACCCAGCTGAGGAACTGCATGAGGCTGAGCAGGAGCTGCTCTGACATGGGAGACC
CCAAGGTGGTACATGGCTGGCAGAGTGGCTACCAGCACAAAGCGGATGCCACTGCTGGATG
TCAAGACGTGACCTGACCCCTTGCCCCACCCTTCCAGAGCCTGGGGTCTGGACTGCCTG
GGGCCCTGCCATCTGCTTCCCCTGCTGTACCTGGCTCCCCCTGCTGGGTGCTGGGTCTC
CATTTCTCCCTCCACCCACCCTCAGCAGCATCTGCTTCCCATGCCCTCACCATCACCTCA
CTGCCCCAGGCCTTCTGCCCTTGTGGGTGTTGAGCTCACCGCCACCCACAGGCACTC
ATGGGAAGAGGCTTTCCTTCTGGGATGGCGGGCTGGTAGACACCTTTGCTTTCTAG
```

Clone variation with respect to NM\_178508.3  
449 g=>c

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_178508 unedited  
GTGGGCTATGTGTTGGGGCCCTTCTTCTCATCACCTGGTCGGGGTGGTGGTGGCTGTG
GTAATGTATGTACAGAAGAAAAAGCGGGTGGACCGGCTGCGCCATCACCTGCTCCCCATG
TACAGCTATGACCCAGCTGAGGAACTGCATGAGGCTGAGCANGAGCTGCTCTGACATG
GGAGACCCCAAGGTGGTACATGGCTGGCAGAGTGGCTACCAGCACAAAGCGGATGCCACTG
CTGGATGTCAAGACGTGACCTGACCCCTTGCCCCACCCTTCCAGAGCCTGGGGTCTGGA
CTGCCTGGGGCCCTGCCATCTGCTTCCCCTGCTGTACCTGGCTCCCCCTGCTGGGTGCT
GGGTCTCCATTTCTCCCTCCACCCACCCTCAGCAGCATCTGCTTCCCATGCCCTCACCAT
CACCTCACTGCCCCAGGCCTTCTGCCCTTGTGGGTGTTGAGCTCACCGCCACCCACA
GGCACTCATGGGAAGAGGCTTTCCTTCTGGGATGGCGGGCTGGTAGACACCTTTGCTT
TCTTAGCCCTCCTGGGCTGGGCTTGGGCACAAATCCCCAGGCAGGCTTTGGAGTTGTT
CCATGGTGATGGGGCCAGATGTATAGTATTCAGTATATATTTTGTAAATAAAAAAAAAA
AAAAAAAAACTCGACTT



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<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_178508
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_178508.3</a></u> , <u><a href="#">NP_848603.2</a></u>
<b>RefSeq Size:</b>	1244 bp
<b>RefSeq ORF:</b>	480 bp
<b>Locus ID:</b>	221491
<b>UniProt ID:</b>	<u><a href="#">Q86T20</a></u>
<b>Cytogenetics:</b>	6p21.31