

Product datasheet for **SC113081**

SMIM8 (NM_020425) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | SMIM8 (NM_020425) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | SMIM8 |
| Synonyms: | C6orf162; dj102H19.2 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene ORF within SC113081 sequence for NM_020425 edited (data generated by NextGen Sequencing) |

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ATGTCTTCAGCACCTGAGCCTCCAACATTCAAAAAGGAACCCCAAAGAGAAAGAGTTT
CAAAGCCCAGGGCTCAGAGGGGTGCGCACACAACCTTATTTTCGTGCTGTGAATCCAGAG
CTCTTCATTAAACCTAACAAACCTGTAATGGCTTTCGATTGGTAACTCTTTCACTTTGC
GTGGCATATATTGGTTATCTACATGCAATACAAGAGAATAAAAAGGACCTCTATGAAGCT
ATTGATAGTGAGGGGCACAGTTATATGAGGCGAAAACATCCAAATGGGATTAG
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Clone variation with respect to NM_020425.4

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| 5' Read Nucleotide Sequence: | >OriGene 5' read for NM_020425 unedited GTCAGCATTTGTATACGACTCATATAGGCGGCCGNAATTCGCACGAGGCGCAAAGAAA TAAATCATCATTGATCAAGATGTCTTCAGCACCTGAGCCTCCAACATTCAAAAAGGAACC ACCCAAAGAGAAAGAGTTTCAAAGCCCAGGGCTCAGAGGGGTGCGCACACAACCTTATT TCGTGCTGTGAATCCAGAGCTCTTCATTAAACCTAACAAACCTGTAATGGCTTTCGGATT GGTAACTCTTTCACCTTTCGCTGGCATATATTGGTTATCTACATGCAATACAAGAGAATAA AAAGGACCTCTATGAAGCTATTGATAGTGAGGGGCACAGTTATATGAGGCGAAAACATC CAAATGGGATTAGTAGTGTGGTTAGTGCAGATGGACCTTTATTAAGGTTCTGAAATCT TCAAATGAAAGACCTTGTGAGTGTACAGTATCATGTTTCTTGTCTAGAACATGCTAATG AAGAGAGAAGATAGCAGTTGCAACCAGACAACCTGTCGTAATTTTGTCCCTTTCACAGCTG CAGCCATTATCTCATTCTTTTTCCACAGAGTGAGCGTCATAATATTTTCTTTCCTTACC TCTTATAAAAGTGCCATGAGAATGGAAGTTGTTTTGTTAATTATTAATTCTGTATAAT AAAAGTACCCATGCTGTTAAATTTGCATGATGTTTTAAATATTTTAAGATGAATTATGCC GGTGCAGCTGTCGTGAAAGTTTCCTTGTGTTTTGCTACTTGCAAAGGAAAGTTTCATGTT TCCCTGGCATAGAACCTATATTTTTAAAGAAAGATANATAGAAATTTTAAGGGCCTGAAG TCAATATTANNAATATGAGATATGAGAACTGAGTTGGGCTCTGACAGTAGTTTTTATAG GTCCACCAATGGNTCATATTATTNAGNTTCCATTNTN |
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| Restriction Sites: | NotI-NotI |
| ACCN: | NM_020425 |
| 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_020425.3, NP_065158.3</u> |
| RefSeq Size: | 1826 bp |
| RefSeq ORF: | 294 bp |
| Locus ID: | 57150 |
| UniProt ID: | <u>Q96KF7</u> |
| Cytogenetics: | 6q15 |
| Protein Families: | Transmembrane |