

Product datasheet for **SC216952**

sphingosine 1 phosphate phosphatase 1 (SGPP1) (NM_030791) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | sphingosine 1 phosphate phosphatase 1 (SGPP1) (NM_030791) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | SGPP1 |
| Synonyms: | SPP-1; SPPase1 |
| ACCN: | NM_030791 |
| Insert Size: | 1919 bp |



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Insert Sequence: >SC216952 3'UTR clone of NM_030791
The sequence shown below is from the reference sequence of NM_030791. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TACATATTTTTCTTTATTGGTATCTCTTGATGGAGAAGTATTGTTTATGATAAGAAAGGAGGGTATCAG
TACTGATACCCAAAAATATATTCCAGGTAAAGCCAGGTCAGAATTAGGCTTTTGCAGGAATTTAACTT
AAATAATTATTTAAGTAAATTCATAAGAGTCAGTGCATTTTATCATTGCACATCCAGATACTGTTTGTAG
GTGAGCTGAGCTATTTCTTACTGAGAAAATGATAAGTATCCATTTAGAATGTTTCATGTAATGTTTGGGA
GAGTTTGTATTATGGATTCACTTATATATAATATATAAGGTACATAAATATGCAATTATATATCTG
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TAATAATATGCAACAGTTGTGCCTGTGATTTGAACTACATACAGGTATGTTGTTATTAACAGATATA
TTTAACATTTATTTACTATGGGAGCCATTTCTAATTGAATTGCGTAATTACTAGACCAGAATGCATAT
GCTACTATACATTGATTTACTGCCTGTTTTTACTGACCATTACCTTTTCATGTTATCCATGATGTTGAA
CATGGGAGGCATTTTTAATGGACCAAATTTTTAGAAAAATTAGTTTTTGGATTTTTTTTTAAGTTCTGT
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TATTGCTTGCTAATTGTGCCTTTCCGTTGCTAAATTAAGAAATGCTATGTGTACTGTGATGTAATAATA
AGACATTAACTTTATCTTAAGTTACATATAATCAAGCAAATTTTTAAAAATGTATGTCAGGGTGACA
GGCATAAAAGTAAATTACCCTAACTCTTAGCCTTTATTTAGAAAGAAATGTGGAATGGGCTAACTT
TCTCACAATTTATTAGAAAGCTAAATGGATAAATACTCCCTTTTTGTAGATATTTTCTGTGCATTG
TAAGTTATAGGAGCAGGACATATTTTTGTACATTGCTTGGATTGTTTATACTGCAGGTAGGATTTTCC
AGTGAATGGAAACGTTGAAATTTATAGATGGGACAATGCACATACTTCATATGTAACAAAGCATTTTT
CTAAATAATTTGGAAAGGATTGGATTTAGCACCGTTAACTTTTAAACCCATTTATTGGCTATTTAAGG
TAAATTATAAACCTAAAATTAGTATCAGTATTTTAGATCCTATTATTTTTCAACTTTCTATTATTTT
CACAGTGGAAAATTTGCGTATAGTATTAATACTATTCTTTTTTCTGTCTACCTTTATTTTTGAAGTGTG
GTTGTACTTACGTTAATAGTAAGTGTATTTGTAGAAAGTTTTTCATAAAGAAGAGATTAACTTCCATA
TAAATAAATACCAGGTATGAAATTAAGTATTTAGTGAATATCTGTATGATTATCCAGAATATCACT
TCAGATGTTTCTATTTTGGCACCATAACTATTTGAGCTCATATTTTATAATTCTGATTGAGAATTTA
GGGCATGGTAATTTTTACCAAACTGAAGCTGGTAATTTAAGTAAAGCAACTAAATTTACCCTTTAC
TTATTAGTTAAAAGGAAACCAAGGCATGTAGGAAAATATTGGTACGTTGGAAAATGTGAAAAGAGCTTT
ACTTTCAAAATGTATGTTAATGAATTGAATTTAGGGACCGTTCCCATAAATTTGGGCCTATGCTATC
CTGTTGATTTTTATGTCTAGCTTAAAAGGTATTTGAAAATGTTCCATTTGTGTTTATTATTTTCTGTC
CTATGACAGTTCTATGCTAAATGTATTTTAAAATAAAAGCCAAATGAAGATTA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_030791.4](#)

Summary: Sphingosine-1-phosphate (S1P) is a bioactive sphingolipid metabolite that regulates diverse biologic processes. SGPP1 catalyzes the degradation of S1P via salvage and recycling of sphingosine into long-chain ceramides (Mandala et al., 2000 [PubMed 10859351]; Le Stunff et al., 2007 [PubMed 17895250]).[supplied by OMIM, Jun 2009]

Locus ID: 81537

MW: 74.7