

## Product datasheet for **MC208420**

### S1pr4 (NM\_010102) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	S1pr4 (NM_010102) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	S1pr4
Synonyms:	Edg6; lp; Lpc1; S1; S1p4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208420 representing NM_010102 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGAACATCAGTACCTGGTCCACGCTGGTGACCCAGAGTCTGCCACCGGCTGGCAGCCAGCGGCCACA  
GCCTCCTCATTGCTGCACTACAATCACAGCGGCAGGCTGGCCAGCCGCGGGGCTCTGAGGACGGTGG  
AGGGCTAGGGATGCTGAGGGGGCCGTCGGTGGCCGAGGTTGCCTGGTGGTGTGGAGAACGCCATGGT  
CTGGCCGCATCGCCATCTACATGCGGTCCCGCCGCTGGGTGACTACTGCTGCTGAACATCACACTGA  
TGACCTGCTCACAGGCCTGGCCTACGTGGTCAACGTGCTGCTGTGAGGACTCGTACCTCCAGCTGTC  
ACCGGTGCACTGGTTCCTGCGGGAGGGCCTGCTTTCATGGCCTTGCCGCATCCACCTTCACTGCTCTC  
TTCACGGCCGGCGAGCGCTTCGCCACCATGGTGCGGGTGGCTGAGAGTGGGGCCACCAAGACCAGCCGTG  
TGTATGGCTGCATCGGTCTGTGCTGGCTACTGGCAGTATCCTGGGCTGCTGCCCTGCTGGGCTGGAA  
CTGTGTGTGCGCCTTCCCACGCTGCTCCAGCCTGCTGCCCTCTACTCCAAGGGCTATGTGCTCTTTGT  
GTGGTGGTCTTCGCCCTCATCCTAGTGGTATCCTGAGCCTCTACGGGGCCATCTTTAGAGTGGTCCGAG  
CCAATGGCAGAAGTCTCCACGTCTCCTGCCCCGCCAAGTCCCGCAGGCTACTCAACACCGTGTGAT  
GATCTTGGTGGCCTTTGTGGTGTGCTGGGTCCCCTGTTTGGCCTGCTCCTGGCTGACATCTTTGGTTCT  
AATGCTGGGCCAGGAGTACCTGCGTGGCATGGACTGGATCCTGGCCCTGGCCGTGTTCAACTCAGCCA  
TTAATCCTCTCATCTACTCCTTCCGAGCCGTGAGGTGCAGCGCCTGTGCTGGCCTTCCGTGTGCTGCGG  
CTGTCTCTGGCTAGGTCTGCGAGGTCCAGGAGACTGCCTGACCCGGATACCGAGGCCACTCCGGTGCA  
TCCACCACTGACAGCTCCCTGAGGCCAGGGACAGTTTTCCGACTTCTCGGTCACTCAGTTCAGGATGA  
GAGAGCCGCTGTCCAGCATTTCCAGCGTCCGACGACCTAG

**ACGGT**ACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Chromatograms:</b>	<a href="https://cdn.origene.com/chromatograms/ja1660_f02.zip">https://cdn.origene.com/chromatograms/ja1660_f02.zip</a>
<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_010102
<b>Insert Size:</b>	1161 bp
<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>	<a href="#">NM_010102.2</a> , <a href="#">NP_034232.1</a>
<b>RefSeq Size:</b>	2393 bp
<b>RefSeq ORF:</b>	1161 bp
<b>Locus ID:</b>	13611
<b>UniProt ID:</b>	<a href="#">Q9Z0L1</a>
<b>Cytogenetics:</b>	10 C1
<b>Gene Summary:</b>	This gene encodes a member of the G-protein coupled receptor 1 family. The encoded protein is a receptor for the lysophospholipid sphingosine 1-phosphate. The encoded protein is one of the predominant sphingosine 1-phosphate G-protein coupled receptors expressed in T cells, and it plays a role in suppression of T cell proliferation, generation of cytokines, and potentially other aspects of immune activation. [provided by RefSeq, Feb 2010]