

Product datasheet for **RN200789**

S1pr2 (NM_017192) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	S1pr2 (NM_017192) Rat Untagged Clone
Tag:	Tag Free
Symbol:	S1pr2
Synonyms:	Edg5; Gpcr13; GPCR18; H218; snGPCR18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200789 representing NM_017192 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCGGTTTATACTCAGAGTACCTCAATCCTGAGAAGGTTTCAGGAACACTACAATTACACCAAGGAGA
CGCTGGACATGCAGGAGACGCCCTCCCGCAAGGTGGCCTCCGCCTTCATCATTTTTATGCTGTGCCAT
CGTGGTGGAGAACCTTCTGGTGTAAATCGCAGTGGCCAGGAACAGCAAGTCCACTCAGCCATGTACCTG
TTCTCGGCAACCTGGCAGCCTCCGACCTGCTGGCAGGCGTGGCCTTCGTGGCCAACACCTTGCTCTCCG
GACCTGTCACCCTGTCCCTAACTCCCTTGCAAGTGGTGGTGGCCGAGAGGGTTCAGCCTTCATCAGCTCTC
TGCTCGGTCTTCAGCCTCCTGGCCATTGCCATCGAGAGACAAGTGGCCATCGCCAAGGTCAGGCTAC
GGCAGTGACAAAAGCTGTGCAATGTTGATGCTCATTGGGGCCTCTGGCTGATATCGCTGATTCTGGGTG
GCTTGCCCATCCTGGGCTGGAATTGCTGGACCATCTGGAGGCTTGTCCACTGTGCTGCCCTCTATGC
TAAGCACTATGTGCTCTGCGTGGTCACCATCTTCTGTGTCATCTACTGGCTATCGTGGCCTTGTACGTC
CGAATCTACTTCGTAGTCCGCTCAAGCCATGCGGACGTTGCTGGTCTCAGACGCTGGCCCTGCTCAAGA
CAGTCACCATCGTACTGGGTGTTTTATCATCTGCTGGCTGCCGGCTTTAGCATCCTTCTCTTAGACTC
TACCTGTCCCGTCCGGGCTGTCTGTCTCTACAAAGCCATTATTTCTTTGCCCTCGCCACCCTCAAC
TCTGTGCTCAACCCTGTATCTATACATGGCGTAGCCGGGACCTTCGGAGGGAGGTAAGGCCCCTGC
TGTCTGGCGGCAGGGGAAGGGAGCAACAGGGCGCAGAGGTGGGAACCCTGGTCACCGACTCCTGCCCT
CCGCAGCTCCAGCTCCCTGGAGAGAGGCTTGCATATGCCTACATCGCCAACATTTCTGGAGGGCAACACA
GTGGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2238_d07.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_017192
Insert Size:	1059 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	NM_017192.1 , NP_058888.1
RefSeq Size:	2754 bp
RefSeq ORF:	1059 bp
Locus ID:	29415
UniProt ID:	P47752
Cytogenetics:	8q13
Gene Summary:	G protein-coupled receptor for sphingosine 1-phosphate [RGD, Feb 2006]