

Product datasheet for RN202317

S1pr5 (NM_021775) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	S1pr5 (NM_021775) Rat Untagged Clone
Tag:	Tag Free
Symbol:	S1pr5
Synonyms:	Edg-8; Edg8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202317 representing NM_021775 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGTCCGGGCTACTGCGGCCAGCGCCGGTGAGCGAGGTCATCGTCCTTCACTACAACACTACTGGCA
AGCTCCGGGGAGCGCGCTACCAGCCCGGTGCCGGCTGCGTGCGGACGCCGAGTGTGCTGGCTGTGTG
CGCTTTCATCGTCTGGAGAACCTGGCTGTGCTTTGGTGTGCTGGGCCCATCCTCGTTCCATGCACCC
ATGTTCTGCTCCTGGTAGTCTTACCTTGTGCGACCTGCTCGTGGGGCGCCACGCCACCAACATCC
TGCTGTCCGGGGCGCTCACATTGCGCTGTGCGCTGCGCTCTGGTTTGGCGCGAAGGGGGTGTCTTCGT
GGCGCTCGCAGCGTCGGTGTGAGCCTCCTGGCCATTGCTATAGAGCGCCACCTTACCATGGCCCGTCT
GGACCCGCGCCTGCCGCCAGTCGCGCTCGCACGCTGGCGATGGCGGTGGCCGCTGGGGCTGTTGTTGA
CGCTGGGGCTGTGCCCGCGCTGGGCTGGAAGTCTTGGGACGCCTGGAAGCCTGCTCCACCGTGTGGC
GGTGTACGCCAAGGCTATGTGCTCTTCTGCGTGTGGCCTTCTGGGCATCCTGGCTGCCATCTGTGCG
CTCTATGCAAGGATTTACTGTACAGTGCGGGCCAACGCGCGTGGCTGCGGCGCGGTCTGGGTCGGTA
GGGCCACGTCTCCTCGCGATCCCGGCACACGCCACGGTCTGGCCCTGCTCCGCACGCTTAGCGTGGT
GCTCCTGGCCTTCTGGCCTGCTGGGACCTCTATTTCTTGTCTATTACTGGATGTGCGGTGCCAGCC
CGCGGTGCTCTGTGCTTCTGCAAGCCGATCCCTTCTGGGTAGCCATGGCTAACTCGTGTGTAAT
CTATCATCTACACCTTACCAACCGAGACTGCGCCACGCGCTCCTGAGGCTGCTCTGCTGTGGCCGCG
ACCCTGCAACCAAGACTCCTCCAACAGTTTGCAGCGATCCCAAGTGTGTTGGGCTTCCGGTGGAGGC
CTGCGAGCTGCTGCCACCAACCTGGATCGAGCTCTAGCCATCAGAACACTCGTGTCCCCAGCGGG
ACGGGATGGACACCAGCTGCTCCACTGGCAGTCCCGGAGCAGCAACCGCAACCGGACCCTGGTGCCTGA
TGCTACAGACTGA

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	https://cdn.origene.com/chromatograms/ja1569_c10.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_021775
Insert Size:	1203 bp
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:	NM_021775.2 , NP_068543.2
RefSeq Size:	2171 bp
RefSeq ORF:	1203 bp
Locus ID:	60399
UniProt ID:	Q9JKM5
Cytogenetics:	8q13
Gene Summary:	G protein-coupled receptor for the lysolipid phosphoric acid mediator sphingosine 1-phosphate [RGD, Feb 2006]