

Product datasheet for MR222799

S1pr4 (NM_010102) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	S1pr4 (NM_010102) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	S1pr4
Synonyms:	Edg6; lp; Lpc1; S1; S1p4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR222799 representing NM_010102 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGAACATCAGTACCTGGTCCAGCTGGTGACCCAGAGTCTGCCACCGGCTGGCAGCCAGCGGCCACA
GCCTCCTCATTGCTGCACTACAATCACAGCGGCAGGCTGGCCAGCCGCGGGGGCTCTGAGGACGGTGG
AGGGCTAGGGATGCTGAGGGGGCCGTGGTGGCCGAGGTTGCCTGGTGGTGTGGAGAACGCCATGGT
CTGGCCGCATCGCCATCTACATGCGGTCCCGCCGCTGGGTGACTACTGCTGCTGAACATCACACTGA
GTGACCTGCTCACAGGCCTGGCCTACGTGGTCAACGTGCTGCTGTGAGGACTCGTACCTCCAGCTGTC
ACCGGTGCACTGGTTCCTGCGGGAGGGCCTGCTTTCATGGCCTTGCCGCATCCACCTTCACTGCTGCTC
TTCACGGCCGGCGAGCGCTTCGCCACCATGGTGGGGTGGCTGAGAGTGGGGCCACCAAGACCAGCCGTG
TGTATGGCTGCATCGGTCTGTGCTGGCTACTGGCAGCTATCCTGGGCTGCTGCCCTGCTGGGCTGGAA
CTGTGTGTGCGCCTTCCCACGCTGCTCCAGCCTGCTGCCCTCTACTCCAAGGGCTATGTGCTCTTTTGT
GTGGTGGTCTTCGCCCTCATCCTAGTGGCTATCCTGAGCCTCTACGGGGCCATCTTTAGAGTGGTCCGAG
CCAATGGGCAGAAGTCTCCACGTCCTCCTGCCCGCAAGTCCCGCAGGCTACTCAACACCGTGTGAT
GATCTTGGTGGCCTTTGGTGTGCTGGGTCCCCTGTTTGGCCTGCTCCTGGCTGACATCTTTGGTTCT
AATGCTGGGCCAGGAGTACCTGCGTGGCATGGACTGGATCCTGGCCCTGGCCGTGTTCAACTCAGCCA
TTAATCCTCTCATCTACTCCTTCCGAGCCGTGAGGTGCAGCGCCTGTGCTGGCCTTCTGTGCTGCGG
CTGTCTCTGGCTAGTCTGCGAGGTCCAGGAGACTGCCTGACCCGGATACCGAGGCCACTCCGGTGCA
TCCACCACTGACAGCTCCCTGAGGCCAGGGACAGTTTTCCGACTTCTCGGTCACTCAGCTTCAGGATGA
GAGAGCCGCTGTCCAGCATTTCCAGCGTCCGAGCACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

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_010102.2](#), [NP_034232.1](#)

RefSeq Size: 2393 bp

RefSeq ORF: 1161 bp

Locus ID: 13611

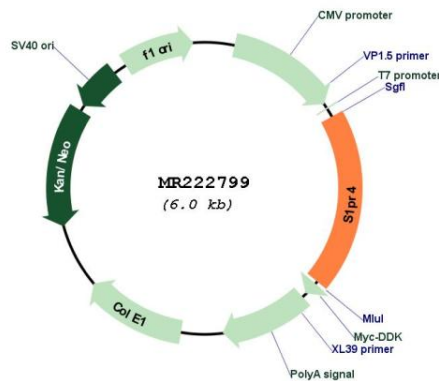
UniProt ID: [Q9Z0L1](#)

Cytogenetics: 10 C1

MW: 42.7 kDa

Gene Summary: 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]

Product images:



Circular map for MR222799