

Product datasheet for RC204583L3V

OriGene Technologies, Inc.

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EDG8 (S1PR5) (NM_030760) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: EDG8 (S1PR5) (NM_030760) Human Tagged ORF Clone Lentiviral Particle

Symbol: S1PR5

Synonyms: Edg-8; EDG8; S1P5; SPPR-1; SPPR-2

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK
ACCN: NM 030760

ORF Size: 1194 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC204583).

Sequence:

OTI Disclaimer: 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

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeg: NM 030760.3

 RefSeq Size:
 2194 bp

 RefSeq ORF:
 1197 bp

 Locus ID:
 53637

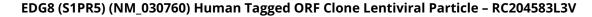
 UniProt ID:
 Q9H228

Cytogenetics: 19p13.2

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction





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MW: 41.6 kDa

Gene Summary:

The lysosphingolipid sphingosine 1-phosphate (S1P) regulates cell proliferation, apoptosis, motility, and neurite retraction. Its actions may be both intracellular as a second messenger and extracellular as a receptor ligand. S1P and the structurally related lysolipid mediator lysophosphatidic acid (LPA) signal cells through a set of G protein-coupled receptors known as EDG receptors. Some EDG receptors (e.g., EDG1; MIM 601974) are S1P receptors; others (e.g., EDG2; MIM 602282) are LPA receptors.[supplied by OMIM, Mar 2008]