

## Product datasheet for RC228874L3V

## OriGene Technologies, Inc.

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## EDG8 (S1PR5) (NM\_001166215) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** EDG8 (S1PR5) (NM\_001166215) Human Tagged ORF Clone Lentiviral Particle

Symbol: EDG8

**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\_001166215

ORF Size: 1194 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC228874).

Sequence:

Cytogenetics:

**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.

**RefSeq:** NM 001166215.1, NP 001159687.1

 RefSeq Size:
 2467 bp

 RefSeq ORF:
 1197 bp

 Locus ID:
 53637

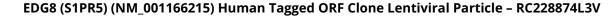
 UniProt ID:
 Q9H228

**Protein Families:** Druggable Genome, GPCR, Transmembrane

**Protein Pathways:** Neuroactive ligand-receptor interaction

19p13.2





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**MW:** 41.8 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]