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Product datasheet for RC204608L2V

EDG1 (S1PR1) (NM_001400) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EDG1 (S1PR1) (NM_001400) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EDG1
Synonyms:	CD363; CHEDG1; D1S3362; ECGF1; EDG-1; EDG1; S1P1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001400
ORF Size:	1146 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204608).
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_001400.2
RefSeq Size:	3050 bp
RefSeq ORF:	1149 bp
Locus ID:	1901
UniProt ID:	P21453
Cytogenetics:	1p21.2
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane

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Protein Pathways: Neuroactive ligand-receptor interaction

MW: 42.8 kDa

Gene Summary: The protein encoded by this gene is structurally similar to G protein-coupled receptors and is highly expressed in endothelial cells. It binds the ligand sphingosine-1-phosphate with high affinity and high specificity, and suggested to be involved in the processes that regulate the differentiation of endothelial cells. Activation of this receptor induces cell-cell adhesion. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]