Product datasheet for RC206444L4V

EDG4 (LPAR2) (NM_004720) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EDG4 (LPAR2) (NM_004720) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EDG4
Synonyms:	EDG-4; EDG4; LPA-2; LPA2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004720
ORF Size:	1053 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206444).
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_004720.4
RefSeq Size:	1803 bp
RefSeq ORF:	1056 bp
Locus ID:	9170
UniProt ID:	Q9HBW0
Cytogenetics:	19p13.11
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane

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Protein Pathways: Neuroactive ligand-receptor interaction

MW: 39.1 kDa

Gene Summary: This gene encodes a member of family I of the G protein-coupled receptors, as well as the EDG family of proteins. This protein functions as a lysophosphatidic acid (LPA) receptor and contributes to Ca2+ mobilization, a critical cellular response to LPA in cells, through association with Gi and Gq proteins. An alternative splice variant has been described but its full length sequence has not been determined. [provided by RefSeq, Jul 2008]