

## Product datasheet for **RC223706L1V**

### EDG7 (LPAR3) (NM\_012152) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	EDG7 (LPAR3) (NM_012152) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EDG7
Synonyms:	Edg-7; EDG7; GPCR; HOFNH30; LP-A3; LPA3; RP4-67813
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_012152
ORF Size:	1059 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223706).
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. <a href="#">More info</a>
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:	<a href="#">NM_012152.1</a>
RefSeq Size:	1148 bp
RefSeq ORF:	1062 bp
Locus ID:	23566
UniProt ID:	<a href="#">Q9UBY5</a>
Cytogenetics:	1p22.3
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane



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

**MW:** 39.9 kDa

**Gene Summary:** This gene encodes a member of the G protein-coupled receptor family, as well as the EDG family of proteins. This protein functions as a cellular receptor for lysophosphatidic acid and mediates lysophosphatidic acid-evoked calcium mobilization. This receptor couples predominantly to G(q/11) alpha proteins. [provided by RefSeq, Jul 2008]