

## Product datasheet for **SC215867**

### EDG2 (LPAR1) (NM\_057159) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	EDG2 (LPAR1) (NM_057159) Human 3' UTR Clone
Symbol:	EDG2
Synonyms:	edg-2; EDG2; Gpcr26; LPA1; Mrec1.3; rec.1.3; vzg-1; VZG1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_057159
Insert Size:	2000 bp



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**Insert Sequence:** >SC215867 3'UTR clone of NM\_057159  
 The sequence shown below is from the reference sequence of NM\_057159. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTTACACGCAATGACCACTCTGTGGTTTAGAACGGAAACTGAGATGAGGAACCAGCCGCTCTCTTGG
AGGATAAACAGCCTCCCCCTACCAATTGCCAGGGCAAGGTGGGGTGTGAGAGAGGAGAAAAGTCAACT
CATGTACTTAAACACTAACCAATGACAGTATTTGTTCTGGACCCACAAGACTTGATATATATTGAAA
ATTAGCTTATGTGACAACCTCATCTTGATCCCCATCCCTTCTGAAAGTAGGAAGTTGGAGCTCTTGCA
ATGGAATTCAAGAACAGACTCTGGAGTGTCCATTTAGACTACACTAACTAGACTTTTAAAGATTTTGT
GTGGTTTGGTGAAGTCAGAATAAATTCTGGCTAGTTGAATCCACAACCTCATTTATACAGGCTTCC
CTTTTTTATTTTAAAGGATACGTTTCACTTAATAAACACGTTTATGCCTATCAGCATGTTTGTGATGG
ATGAGACTATGGACTGCTTTTAACTACCATAATCCATTTTTTCCCTTACATAGGAAAAGTGAAGTT
GGAATTATCTTTTGTGTTAGAAAGCATGCATGTAATGTATGTATGCAGTATGCCTTACTTAAAAAGATTA
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TGAAGCAAACAATGCTCTAATCACAATATTAAGTGTAAATTAATTAATGTTGTAACAAGTATAAACAGG
GAATGTAAGTTTATTACCAAAGTGATATGTATTCCAAAAAGTCATAGAAGTAGAACACTATAATATT
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TTGTATACTTTTTTACATAATTGGAGTCATACTGTAACACAGTTTATAAGTAGATCTTTTTTCATTGCA
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AACTGTCTCAAGAATCAAGGTACCCCAATATATCTCGCAATTCAAACTTTGTTTGGAGGACTCGTTAT
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AATAAAGGATTGTCATATCAATTAAGTGTGGTCCATCTGTAGCAAATGGGTTGAGTGTGTCAGTATGTG
GTTGGTTACTGTGATTTCGCCAGGAATCACCCGATAGGCTGCCACCCTATTAGGTGATACCTGTTTAA
TATGTTGTCCAGGTAGACTAGTAGTTGCATCAGTTTGTGTAACAAGTAACCAAGTGAAGTAAACAGTG
GTGAAGCAGGTACGGGGAGGTGAGGAGGATGTCTGAGAGAAAAGTCCGGGAGATGAATGGCTGTCTA
GGAAGGAGGATGTCAGTGCACGGTTAGTGTGTTGAGCAGAGGGCAGACTTGTAAAGTACCTGTAGTGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_057159.4](#)

**Summary:**

The integral membrane protein encoded by this gene is a lysophosphatidic acid (LPA) receptor from a group known as EDG receptors. These receptors are members of the G protein-coupled receptor superfamily. Utilized by LPA for cell signaling, EDG receptors mediate diverse biologic functions, including proliferation, platelet aggregation, smooth muscle contraction, inhibition of neuroblastoma cell differentiation, chemotaxis, and tumor cell invasion. Many transcript variants encoding a few different isoforms have been identified for this gene. [provided by RefSeq, Oct 2020]

**Locus ID:**

1902

**MW:**

78.1