

Product datasheet for **SC214305**

EDG1 (S1PR1) (NM_001400) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EDG1 (S1PR1) (NM_001400) Human 3' UTR Clone
Symbol:	EDG1
Synonyms:	CD363; CHEDG1; D1S3362; ECGF1; EDG-1; EDG1; S1P1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001400
Insert Size:	1415 bp



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Insert Sequence: >SC214305 3'UTR clone of NM_001400
The sequence shown below is from the reference sequence of NM_001400. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
TCTTCTGGAAACGTCAACTCTTCTTCCAGAACTGGAAGCTGTCCACCCACCGGAAGCGCTCTTTACTT
GGTCGCTGGCCACCCAGTGTTTGGAAAAAATCTCTGGGCTTCGACTGTGCCAGGGAGGAGCTGCTG
CAAGCCAGAGGGAGGAAGGGGGAATACGAACAGCCTGGTGGTGTGGGTGTTGGTGGGTAGAGTTAG
TTCCTGTGAACAATGCACTGGGAAGGTGGAGATCAGGTCCCGGCTGGAATATATTTTCTACCCCTT
GGAGCTTTGATTTGCACTGAGCCAAAGGTCTAGCATTGTCAAGCTCTAAAGGGTTCATTGGCCCTT
CCTCAAAGACTAATGTCCCATGTGAAAGCGTCTCTTGTCTGGAGCTTTGAGGAGATGTTTCTTCA
CTTTAGTTTCAAACCAAGTGAGTGTGTCACTTCTGCTTCTTTAGGGATGCCCTGTACATCCCACACC
CCACCCTCCCTTCCCTTCATACCCCTCCTCAACGTTCTTTTACTTTATACTTTAACTACCTGAGAGTTA
TCAGAGCTGGGGTGTGGAATGATCGATCATCTATAGCAAATAGGCTATGTTGAGTACGTAGGCTGTGG
GAAGATGAAGATGGTTTGGAGGTGTAAACAATGTCTTCGCTGAGGCCAAAGTTTCCATGTAAGCGGG
ATCCGTTTTTGGAAATTTGGTTGAAGTCACTTTGATTTCTTTAAAAACATCTTTTCAATGAATGTGT
TACCATTTTCATATCCATTGAAGCCGAAATCTGCATAAGGAAGCCCACTTTATCTAAATGATATTAGCCA
GGATCCTTGGTGTCTTAGGAGAAACAGACAAAGCAAAACAAAGTGAAGCCGAATGGATTAACCTTTGCA
AACCAAGGGAGATTTCTTAGCAAATGAGTCTAACAAATATGACATCTGTCTTTGGCACTTTTGTGATG
TTTATTTTCAAGATGTTGTGTGATTCAATTTCAAGCAACAACATGGTTGATTTTGTGTGTTAAAGTAC
TTTTCTTGATTTTGAATGTATTTGTTTCAGCAGAAGTCATTTTATTGGATTTTCTAACCCGTGTTAA
CACCATTGAATGTGATTTCTTAAGAAAAATACCACCTCTTGTGCCCTTAAAGCATTACTTTAACTGG
TAGGGAACGCCAGAACTTTTCAGTCCAGCTATTCATTAGATAGTAATTGAAGATATGTATAAATATTA
CAAAGAATAAAAAATATATTACTGTCTCTTTAGTATGGTTTTTCAGTGCAATTAAACCGAGAGATGTCTTG
TTTTTTTAAAAAGAAATAGTATTTAATAGGTTTCTGACTTTTGTGGATCATTTTGCACATAGCTTTATCA
ACTTTTAAACATTAATAAACTGATTTTTTTAAAGA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-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_001400.5](#)

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]

Locus ID: 1901

MW: 53.7