

Product datasheet for **SC320934**

EDG6 (S1PR4) (NM_003775) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EDG6 (S1PR4) (NM_003775) Human Untagged Clone
Tag:	Tag Free
Symbol:	EDG6
Synonyms:	EDG6; LPC1; S1P4; SLP4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_003775.2
 CCTCAGTCAGCCCCGGGGGAGGCCATGAACGCCACGGGGACCCCGGTGGCCCCGAGTC
 CTGCCAACAGCTGGCGGCCGGCGGGCACAGCCGGCTCATTGTTCTGCACTACAACCACTC
 GGGCCGGCTGGCCGGGCGCGGGGGCCGGAGGATGGCGGCCTGGGGGCCCTGCGGGGGCT
 GTCGGTGGCCGCCAGCTGCCTGGTGGTGTGGAGAACTTGTGGTGTGGCGGCCATCAC
 CAGCCACATGCGGTCGCGACGCTGGGTCTACTATTGCCTGGTGAACATCACGCTGAGTGA
 CCTGCTCAGGGGCGGGCCTACCTGGCCAACGTGCTGCTGTCGGGGGCCCGCACCTTCCG
 TCTGGCGCCCGCCAGTGGTTCCCTACGGGAGGGCCTGCTCTTACCGCCCTGGCCGCTC
 CACCTTACGCTGCTCTTCACTGCAAGGGAGCGCTTTGCCACCATGGTGCGGCCGGTGGC
 CGAGAGCGGGGCCACCAAGACCAGCCGCTCTACGGCTTCATCGGCCTCTGCTGGCTGCT
 GGCCGCGCTGCTGGGATGCTGCCTTTGCTGGGCTGGAAGTGCCTGTGCGCCTTTGACCG
 CTGCTCCAGCCTTCTGCCCTCTACTCCAAGCGCTACATCCTCTTCTGCCTGGTATCTT
 CGCCGGCTCCTGGCCACCATCATGGGCTCTATGGGGCCATCTCCGCCTGGTGCAGGC
 CAGCGGGCAGAAGCCCCAGCCAGCGGCCCGCCGAAGCCCCCGCCTGCTGAAGAC
 GGTGCTGATGATCCTGCTGGCCTTCTGGTGTGCTGGGGCCACTTTCCGGCTGCTGCT
 GGCCGACGCTTTGGCTCCAACCTCTGGGCCAGGAGTACCTGCGGGCATGGACTGGAT
 CCTGGCCCTGGCCGCTCCTCAACTCGGCGGTCAACCCCATCATCTACTCCTTCCGCAGCAG
 GGAGGTGTGAGAGCCGTGCTCAGCTTCCTCTGCTGCGGGTGTCTCCGGCTGGGCATGCG
 AGGGCCCCGGGACTGCCTGGCCCGGGCGTCGAGGCTCACTCCGGAGCTTCCACCACCGA
 CAGCTCTCTGAGGCCAAGGGACAGCTTTTCGCGGCTCCCGCTCGCTCAGCTTTCCGATGCG
 GGAGCCCTGTCCAGCATCTCCAGCGTGCAGGAGCATCTGAAGTTGCAGTCTTGCCTGTGG
 ATGGTGCAGCCACCGGGTGCCTGCCAGGACGGCCCTCTGGGGTACAGGAAGCTGTGTGC
 ACGCAGCTCGCTGTATGGGGAGCAGGGAACGGGACAGGCCCCCATGGTCTTCCCGGTG
 GCCTCTCGGGGCTTCTGACGCCAAATGGGCTTCCATGGTCACCTGGACAAGGAGGCCAA
 CCACCCACCTCCCGTAGGAGCAGAGACACCCTGGTGTGGGGCGAGTGGGTTCCCA
 CAACCCGCTTCTGTGTATTCTGGGAAGTCCCGGCCCTCTCTGGGCTCAGTAGGGC
 TCCAGGCTGCAAGGGTGGACTGTGGGATGCATGCCCTGGCAACATTGAAGTTCGATCA
 TGGTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_003775

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_003775.2 , NP_003766.1
RefSeq Size:	1582 bp
RefSeq ORF:	1155 bp
Locus ID:	8698
UniProt ID:	O95977
Cytogenetics:	19p13.3
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction
Gene Summary:	This gene is a member of the endothelial differentiation, G-protein-coupled (EDG) receptor gene family. EDG receptors bind lysophospholipids or lysosphingolipids as ligands, and are involved in cell signalling in many different cell types. This EDG receptor gene is intronless and is specifically expressed in the lymphoid tissue. [provided by RefSeq, Jul 2008]