

# Recombinant Human S1PR4 Protein, GST-tagged

**Cat. No.** S1PR4-4042H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| <b>Product Overview</b> | Human EDG6 full-length ORF ( AAH14970, 1 a.a. - 384 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | 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]                                                                            |
| <b>Molecular Mass</b>   | 67.98 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | <p>MNATGTPVAPESCQQLAAGGHSRLIVLHYNHSGRLAGRGGPEDGGLGALRGLSVA</p> <p>ASCLVVLENLLVLAAITSHMRSRRWVYYCLVNITLSDLLTGAAYLANVLLSGARTFRL</p> <p>APAQWFLREGLLFTALAASTFSLFTAGERFATMVRPVAESGATKTSRVYGFIGLCW</p> <p>LLAALLGMLPLLGNCLCAFDRCSSLLPLYSKRYILFCLVIFAGVLATIMGLYGAIFRL</p> <p>VQASGQKAPRPAARRKARRLLKTVLMILLAFLVCWGPLFGLLLADVFGSNLWAQEYL</p> <p>RGMDWILALAVLNSAVNPIIYSFRSREVCRAVLSFLCCGCLRLGMRGPGDCLARAVE</p> <p>AHSGASTTDSSLRPRDSFRGSRSLSFRMREPLSSISSVRSI</p> |
| <b>Applications</b>     | <p>Enzyme-linked Immunoabsorbent Assay</p> <p>Western Blot (Recombinant protein)</p>                                                                                                                                                                                                                                                                                                                                                                  |

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|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Gene Name</b>        | S1PR4 sphingosine-1-phosphate receptor 4 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Official Symbol</b>  | S1PR4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>         | S1PR4; sphingosine-1-phosphate receptor 4; EDG6, endothelial differentiation, G protein coupled receptor 6 , endothelial differentiation, lysophosphatidic acid G protein coupled receptor, 6; sphingosine 1-phosphate receptor 4; S1P receptor 4; S1P receptor Edg-6; sphingosine 1-phosphate receptor Edg-6; endothelial differentiation G-protein coupled receptor 6; endothelial differentiation, G protein coupled receptor 6; endothelial differentiation, G-protein-coupled receptor 6; endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 6; EDG6; LPC1; S1P4; SLP4; |
| <b>Gene ID</b>          | 8698                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>      | NM_003775                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Protein Refseq</b>   | NP_003766                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>MIM</b>              | 603751                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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UniProt ID

O95977

Quality Control  
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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