

## Recombinant Mouse S1pr2 Protein, MYC/DDK-tagged

**Cat. No.** S1pr2-1044M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse sphingosine-1-phosphate receptor 2 (S1pr2), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.                         |
| <b>Species</b>          | Mouse                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                             |
| <b>Description</b>      | Receptor for the lysosphingolipid sphingosine 1-phosphate (S1P). S1P is a bioactive lysophospholipid that elicits diverse physiological effect on most types of cells and tissues. |
| <b>Molecular Mass</b>   | 39.3 kDa                                                                                                                                                                           |
| <b>Purity</b>           | >80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                         |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                      |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                     |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                   |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                              |

### GENE INFORMATION

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|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | S1pr2 sphingosine-1-phosphate receptor 2 [ Mus musculus (house mouse) ]                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Official Symbol</b> | S1pr2                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | S1pr2; sphingosine-1-phosphate receptor 2; Edg5; H218; LPb2; S1P2; Gpcr13; 1100001A16Rik; sphingosine 1-phosphate receptor 2; G-protein coupled receptor 13; S1P receptor 2; S1P receptor Edg-5; endothelial differentiation G-protein coupled receptor 5; endothelial differentiation, sphingolipid G-protein-coupled receptor, 5; lysophospholipid receptor B2; sphingosine 1-phosphate receptor Edg-5; sphingosine-1-phosphate receptor S1P(2) |
| <b>Gene ID</b>         | 14739                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>     | NM_010333                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_034463                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>UniProt ID</b>      | P52592                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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