

Proteoliposomes

Full-Length

# S1PR3 (Human) Recombinant Protein

Catalog # H00001903-G01

Size 2 ug

## Specification

### Product Description

Human S1PR3 full-length ORF (NP\_005217.2) recombinant protein without tag.  
This product is belong to Proteoliposome (PL).

### Sequence

MATALPPRLQPVRGNETLREHYQYVGKLAGRLKEASEGSTLTTVLFLVICSFVLENLMVLIAMKNNKFHNRMYYFFIGNLALCDLLAGIAYKVNILMSGKKTFSLSPTVWFLREGSMFVALGASTCSLLAIAIERHLMIKMRPYDANKRHRVFLIGMCWLI AFTLGALPILGWNCLHNLPCDSTILPLYSKKYAFCISIFTAILVTIVILYARYFLVKSSSRKVANHNNSESMALLRTVVIVSVFIACWSPILFILIDVACRVQACPI LFKAQWFMLAVLNSAMNPVIYTLASKEMRRAFFRLVCNCLVRGRGARASPIQPALDPSRSKSSSSNNSSHSPKVKEDLPHTAPSSCIMDKNAALQNGIFCN

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

42.3

### Form

Liquid

### Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

### Purification

None

### Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

### Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

### Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

### Note

Best use within three months from the date of receipt of this protein.

## Applications

- Antibody Production

## Gene Info — S1PR3

**Entrez GeneID** [1903](#)**GeneBank Accession#** [NM\\_005226.2](#)**Protein Accession#** [NP\\_005217.2](#)**Gene Name** S1PR3**Gene Alias** EDG-3, EDG3, FLJ37523, FLJ93220, LPB3, MGC71696, S1P3**Gene Description** sphingosine-1-phosphate receptor 3**Omim ID** [601965](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene encodes a member of the EDG family of receptors, which are G protein-coupled receptors. This protein has been identified as a functional receptor for sphingosine 1-phosphate and likely contributes to the regulation of angiogenesis and vascular endothelial cell function. [provided by RefSeq]

**Other Designations** G protein-coupled receptor, endothelial differentiation gene-3[OTTHUMP00000021612|S1P receptor EDG3|endothelial differentiation, sphingolipid G-protein-coupled receptor, 3|sphingosine 1-phosphate receptor 3

## Pathway

- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)