

## Recombinant Human SGPL1, His-tagged

Cat. No. SGPL1-501H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human SGPL1 protein with C-terminal His tag was expressed in an Baculovirus infected <i>Sf9 cell</i> expression system, MW=57.5 kDa.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>Description</b>	Sphingosine-1-phosphate lyase 1 is an enzyme that in humans is encoded by the SGPL1 gene.
<b>Purity</b>	70%.
<b>Formulation</b>	25 mM Tris-HCl, pH 8.0, 100 mM NaCl, 0.05% Tween-20, 10% glycerol, 3 mM DTT, 0.5mM pyridoxal 5' phosphate monohydrate.
<b>Application</b>	useful for the study of biochemical function.
<b>Storage</b>	>6 months at -80°C.
<b>Pathways</b>	Metabolic pathways; Sphingolipid metabolism; Metabolism of lipids and lipoproteins

### GENE INFORMATION

**Gene Name** [SGPL1 sphingosine-1-phosphate lyase 1 \[ Homo sapiens \]](#)

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<b>Synonyms</b>	SGPL1; sphingosine-1-phosphate lyase 1; SPL; FLJ13811; KIAA1252; hSPL; SPL 1; SP-lyase 1; SP-lyase; EC 4.1.2.27; sphingosine-1-phosphate aldolase
<b>Gene ID</b>	8879
<b>mRNA Refseq</b>	NM_003901
<b>Protein Refseq</b>	NP_003892
<b>MIM</b>	603729
<b>UniProt ID</b>	O95470
<b>Chromosome Location</b>	10q21
<b>Function</b>	carboxy-lyase activity; lyase activity; pyridoxal phosphate binding; sphinganine-1-phosphate aldolase activity

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