Recombinant Human SGPL1, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human SGPL1 protein with C-terminal His tag was expressed in an Baculovirus infected*Sf9 cell*expression system, MW=57.5 kDa.
Species	Human
Source	Sf9 Cells
Description	Sphingosine-1-phosphate lyase 1 is an enzyme that in humans is encoded by the SGPL1 gene.
Purity	70%.
Formulation	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.
Application	useful for the study of biochemical function.
Storage	>6 months at –80°C.
Pathways	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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Synonyms	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
Gene ID	8879
mRNA Refseq	NM_003901
Protein Refseq	NP_003892
MIM	603729
UniProt ID	O95470
Chromosome Location	10q21
Function	carboxy-lyase activity; lyase activity; pyridoxal phosphate binding; sphinganine-1-phosphate aldolase activity

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