

Sphingosine 1 Phosphate Lyase 1 (SGPL1) Recombinant Protein | SGPL1 recombinant protein

Recombinant Sphingosine 1 Phosphate Lyase 1 (SGPL1)

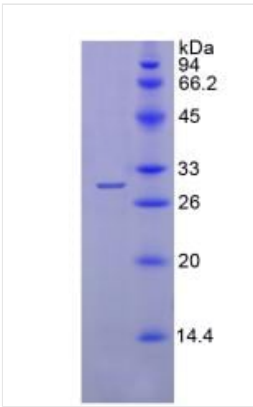
CATALOG # AAA134427	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Sphingosine 1 Phosphate Lyase 1 (SGPL1); Recombinant Sphingosine 1 Phosphate Lyase 1 (SGPL1); SGPL1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 400ug/mL (varies by lot)
Applicable Applications for SGPL1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Gln239~Arg493
Tags	N-terminal His Tag
Subcellular Location	Membrane, Endoplasmic reticulum lumen
Traits	Freeze-dried powder
Predicted isoelectric point	9.4
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Sequence

YFGMKIVRVP	LTMMMEVDVR	AMRRAISRNT	AMLCVSTPQF	PHGVIDPVPE
VAKLAVKYKI	PLHVDACLGG	FLIVFMEKAG	YPLEHPDFR	VKGVTISAD
THKYGYAPKG	SSLVLYSDKK	YRNVQFFVDT	DWQGGIYASP	TIAGSRPGGI
SAACWAALMH	FGENGYVEAT	KQIIKTARFL	KSELENIKGI	FVFGNPQLSV
IALGSRDFDI	YRLSNLMTAK	GWNLNLQFPP	PSIHFCITLL	HAR

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982936
NCBI GeneID	8879
NCBI Accession #	NP_003892.2
NCBI GenBank Nucleotide #	NM_003901.3
UniProt Accession #	O95470; Q7Z732; Q9ULG8; Q9UN89; B2RBD4
Molecular Weight	Predicted Molecular Mass: 29.6kDa Accurate Molecular Mass: 28kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	sphingosine-1-phosphate lyase 1
NCBI Official Synonym Full Names	sphingosine-1-phosphate lyase 1
NCBI Official Symbol	SGPL1
NCBI Official Synonym Symbols	SPL; S1PL
NCBI Protein Information	sphingosine-1-phosphate lyase 1; hSPL; SPL 1; SP-lyase 1; sphingosine-1-phosphate aldolase
UniProt Protein Name	Sphingosine-1-phosphate lyase 1
UniProt Gene Name	SGPL1
UniProt Synonym Gene Names	KIAA1252; S1PL; SP-lyase 1; SPL 1; hSPL
UniProt Entry Name	SGPL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.