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Recombinant Sphingosine 1 Phosphate Lyase 1 (SGPL1)

Catalog Number: SIPE855Hu01 **Spec: 50ug**

Product Name	Recombinant Sphingosine 1 Phosphate Lyase 1 (SGPL1)
Catalog Number	SIPE855Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Gln239~Arg493
Tags	N-terminal His Tag
Subcellular Location	Membrane, Endoplasmic reticulum lumen
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	100mMNaHCO3, 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	9.4
Predicted Molecular Mass	29.6kDa
Accurate Molecular Mass	28kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC 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]

QS AHAAFNKAAS
YFGMKIVRVP LTKMMEVDVR AMRRAISRNT AMLVCSTPQF PHGVIDPVPE
VAKLAVKYKI PLHVDACLGG FLIVFMEKAG YPLEHPFDFR VKGVTSISAD
THKYGYAPKG SSLVLYSDKK YRNYQFFVDT DWQGGIYASP TIAGSRPGGI
SAACWAALMH FGENGYVEAT KQIIKTARFL KSELENIKGI FVFGNPQLSV
IALGSRDFDI YRLSNLMTAK GWNLNQLQFP PSIHFCITLL HAR

[IDENTIFICATION]

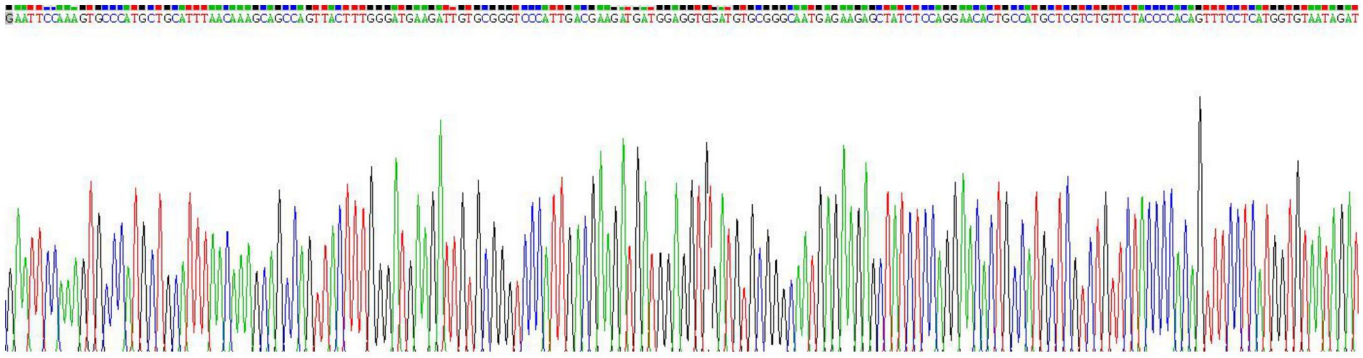


Figure . Gene Sequencing (extract)

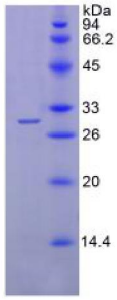


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.