

Recombinant human SGPL1 protein (Active) ab271748

[2 Images](#)

Description

Product name	Recombinant human SGPL1 protein (Active)
Purity	>= 90 % SDS-PAGE. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Accession	<u>O95470</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	58 kDa
Amino acids	59 to 785
Tags	His tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab271748** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Functional Studies
Form	Liquid

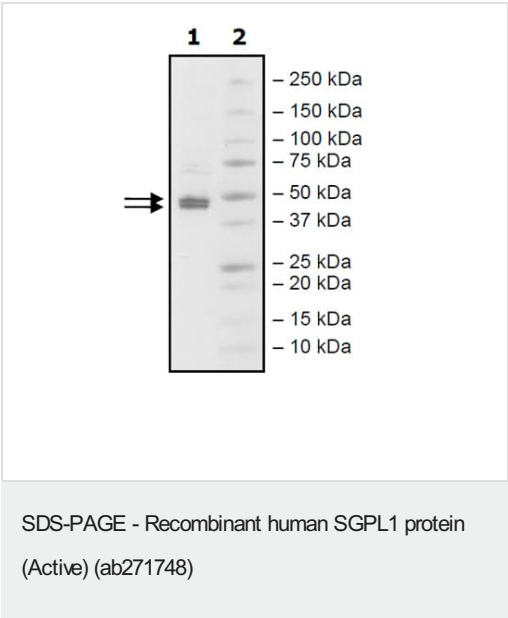
Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Preservative: 1.7% Imidazole Constituents: 0.79% Tris HCl, 2.9% Sodium chloride, Methionine, PLP, 0.03% TCEP, 10% Glycerol (glycerin, glycerine) Variable imidazole. This product is an active protein and may elicit a biological response in vivo, handle with caution.
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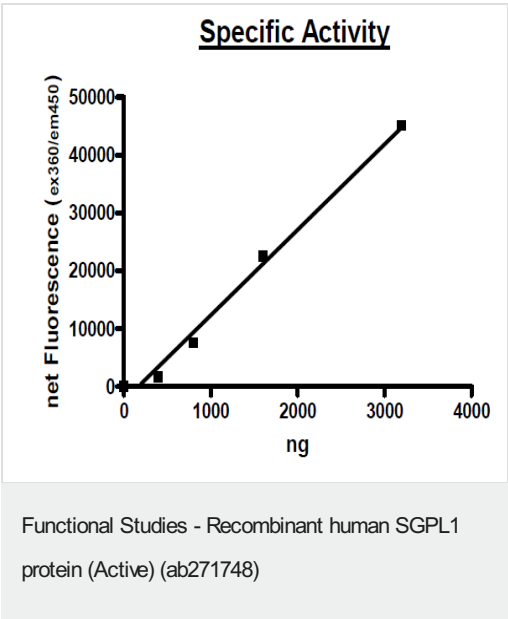
General Info

Function	Cleaves phosphorylated sphingoid bases (PSBs), such as sphingosine-1-phosphate, into fatty aldehydes and phosphoethanolamine. Elevates stress-induced ceramide production and apoptosis.
Tissue specificity	Found in liver and kidney.
Pathway	Lipid metabolism; sphingolipid metabolism.
Sequence similarities	Belongs to the group II decarboxylase family. Sphingosine-1-phosphate lyase subfamily.
Cellular localization	Endoplasmic reticulum membrane.

Images



SDS-PAGE analysis of 2 µg ab271748.



Specific activity of ab271748.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

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