Recombinant Human SGPL1 protein, His-tagged

Cat. No. SGPL1-2874H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SGPL1 protein(69-281 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	69-281 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MRFKKKCFKLTRKMPIIGRKIQDKLNKTKDDISKNMSFLKVDKEYVKALPSQGLSSSA VLEKLKEYSSMDAFWQEGRASGTVYSGEEKLTELLVKAYGDFAWSNPLHPDIFPGL RKIEAEIVRIACSLFNGGPDSCGCVTSGGTESILMACKAYRDLAFEKGIKTPEIVAPQS AHAAFNKAASYFGMKIVRVPLTKMMEVDVRAMRRAISRNTA
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	SGPL1 sphingosine-1-phosphate lyase 1 [Homo sapiens]
Official Symbol	SGPL1
Synonyms	SGPL1; sphingosine-1-phosphate lyase 1; SPL; hSPL; SPL 1; SP-lyase 1; sphingosine-1-phosphate aldolase; S1PL; FLJ13811; KIAA1252;
Gene ID	8879
mRNA Refseq	NM_003901
Protein Refseq	NP_003892
MIM	603729
UniProt ID	O95470

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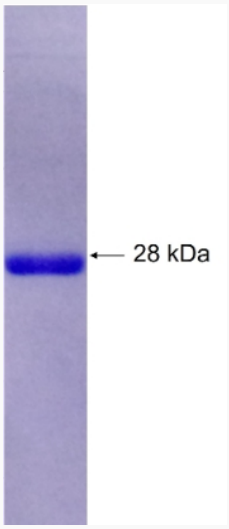
SDS-PAGE	

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