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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SGPL1 (Human) Recombinant Protein (P01)

Catalog Number: H00008879-P01

Regulation Status: For research use only (RUO)

Product Description: Human SGPL1 full-length ORF (NP_003892.2, 1 a.a. - 568 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPSTDLLMLKAFEPYLEILEVYSTKAKNYVNGHCTKYE
PWQLIAWSVVWTLIVWGYEFVFPESLWSRFKKKCF
KLTRKMPIIGRKIQDKLNKTKDDISKNSFLKVDKEYVK
ALPSQGLSSSAVLEKLKEYSSMDAFWQEGRASGTVY
SGEEKLTELIVKAYGDFAWSNPLHPDIFPGLRKIEAEIV
RIACSLFNGGPDSCGCVTSGGTESILMACKAYRDIAF
EKGIKTPEIVAPQSAHAAFNKAASYFGMKIVRVPLTKM
MEVDVRAMRRAISRNTAMLVCSTPQFPHGVIDPVPEV
AKLAVKYKIPLHVDACLGGFLIVFMEKAGYPLEHPDF
RVKGVTSISADTHKYGYPKGSLLVLYSDKKYRNYQF
FVDTDWQGGIYASPTIAGSRPGGISAACWAALMHFGE
NGYVEATKQIKTARFLKSELENIKGIFVFGNPQLSVIAL
GSRDFDIYRLSNLMTAKGWNLNLQFPPSIHFCITLLH
ARKRVAIQFLKDIRESVTQIMKNPKAKTTGMGAIYGMA
QTTVDRNMVAELSSVFLDSLSTDTVTQGSQMNGSP
KPH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 89.9

Interspecies Antigen Sequence: Mouse (84); Rat (85)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced

Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 8879

Gene Symbol: SGPL1

Gene Alias: FLJ13811, KIAA1252, SPL

References:

1. Efficacy of AAV9-mediated SGPL1 gene transfer in a mouse model of S1P lyase insufficiency syndrome. Piming Zhao, Gizachew B Tassew, Joanna Y Lee, Babak Oskouian, Denise P Munoz, Jeffrey B Hodgkin, Gordon L Watson, Felicia Tang, Jen-Yeu Wang, Jinghui Luo, Yingbao Yang, Sarah M King, Ronald M Krauss, Nancy Keller, Julie D Saba. JCI Insight. 2021 Apr 22;6(8):145936. doi: 10.1172/jci.insight.145936.