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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PTDSS1 (Human) Recombinant Protein (P01)

Catalog Number: H00009791-P01

Regulation Status: For research use only (RUO)

Product Description: Human PTDSS1 full-length ORF (NP_055569.1, 1 a.a. - 473 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MASCVGSRTLSKDDVNYKMHFRMINEQQVEDITIDFFY
RPHTITLLSFTIVSLMYFAFTRDDSPEDNIWRGILSVIF
FFLIISVLAFPNGPFTTRHPALWRMVFGLSVLYFLFLVF
LLFLNFEQVKSLMYWLDPNLRYATREADVMEYAVNCH
VITWERIISHFDIFAFGHFWGWAMKALLIRSYGLCWTS
ITWELTELFFMHLLPNFAECWWQVILDILLCNGGGIW
LGMVVCRFLEMRTYHWASFKDIHTTGKIKRAVLQFTP
ASWTVYVRWFDPKSSFQRVAGVYLFMIWQLTELNTFF
LKHIFVFQASHPLSWGRILFIGGITAPTQRYYAYLTDT
QCKRVGTQCWVFGVIGFLEAIVCIKFGQDLFSKTQILY
VVLWLLCVAFTTFLCLYGMIWYAEHYGHREKTYSECE
DGTYSPEISWHHRKGTGKSEDSPPKHAGNNESHSSR
RRNRHSKSKVTNGVGKK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 81.9

Interspecies Antigen Sequence: Mouse (97); Rat (97)

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: 9791

Gene Symbol: PTDSS1

Gene Alias: KIAA0024, PSS1, PSSA

Gene Summary: Phosphatidylserine (PS) accounts for 5 to 10% of cell membrane phospholipids. In addition to its role as a structural component, PS is involved in cell signaling, blood coagulation, and apoptosis. PS is synthesized by a calcium-dependent base-exchange reaction catalyzed by PS synthases (EC 2.7.8.8), like PTDSS1, that exchange L-serine for the polar head group of phosphatidylcholine (PC) or phosphatidylethanolamine (PE) (Sturbois-Balcerzak et al., 2001 [PubMed 11084049]).[supplied by OMIM]