

Recombinant Human PTDSS1 Protein (1-35 aa), GST-tagged

Cat. No. PTDSS1-1203H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTDSS1 Protein (1-35 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Metabolism. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	1-35 aa
Description	Catalyzes a base-exchange reaction in which the polar head group of phosphatidylethanolamine (PE) or phosphatidylcholine (PC) is replaced by L-serine. In mbranes, PTDSS1 catalyzes mainly the conversion of phosphatidylcholine. Also converts, in vitro and to a lesser extent, phosphatidylethanolamine.
Form	Tris-based buffer,50% glycerol
Molecular Mass	31.1 kDa
AA Sequence	MASCVGSRTLKDDVNYKMHFRMINEQQVEDITID
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name PTDSS1 phosphatidylserine synthase 1 [Homo sapiens]

Official Symbol PTDSS1

Synonyms PTDSS1; KIAA0024; PSS1; PSSA; PSS-1;

Gene ID 9791

mRNA Refseq NM_014754

Protein Refseq NP_055569

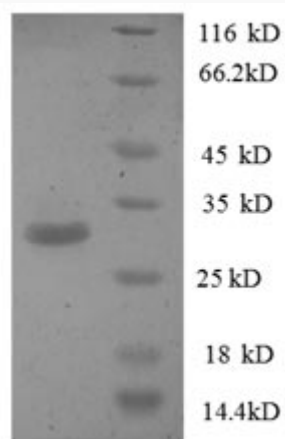
MIM 612792

UniProt ID P48651

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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