

## Product datasheet for TP507557

### Ptdss1 (NM\_008959) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphatidylserine synthase 1 (Ptdss1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207557 representing NM_008959 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MASCVGSRTLSKDDVNYRMHFRMINEQQVEDITIDFFYRPHTITLLSFTIISLMYFAFTRDDSVPEDNIW RGILSVIFFFLIISVLAFPNGPFTRPHPALWRMVFGLSVLYFLVLLFLNFEQVKSLMYWLDPNLRYA TREADIMEYAVNCHVITWERIVSHFDIFAFGHFWGWAMKALLIRSYGLCWTISITWELTELFMHLNPNF AECWWDQVILDILLCNGGGIWLGMVVCRFLEMRTYHWASFKDIHTTGKIKRAVLQFTPASWTVYRWFDP KSSFQRVAGIYLFMIIWQLTELNTFFLKHIFVFQASHPLSWGRILFIGCITAPTVRQYYAYLTDQCKRV GTQCWVFGVIGFLEAIVCIKFGQDLFSKTQILYVMLWLLCVAFTTFLCLYGMVWYAEHYGHREKTYSECE DGTYSPEISWHHGKSGKSGSEDSPPKHSSNHESHSSRRNRHRSKSKVTNGVGKK
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	56.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_032985</a>
Locus ID:	19210



[View online >](#)

UniProt ID: [Q99LH2](#)

RefSeq Size: 3424

Cytogenetics: 13 34.54 cM

RefSeq ORF: 1419

Synonyms: AU044268; AW539008; mKIAA0024; PSS-1

**Summary:** Catalyzes a base-exchange reaction in which the polar head group of phosphatidylethanolamine (PE) or phosphatidylcholine (PC) is replaced by L-serine. In membranes, PTDSS1 catalyzes mainly the conversion of phosphatidylcholine. Also converts, in vitro and to a lesser extent, phosphatidylethanolamine.[UniProtKB/Swiss-Prot Function]