



# Recombinant Clostridium acetobutylicum Phosphatidylserine decarboxylase proenzyme 2 (psd2)

<b>Product Code</b>	CSB-MP857175DUB
<b>Abbreviation</b>	psd2
<b>Storage</b>	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q97KW7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Clostridium acetobutylicum (strain ATCC 824 / DSM 792 / JCM 1419 / LMG 5710 / VKM B-1787)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSITIFNRDL KEIYYEKQYK NGQLKFLYNT ILGRMLLKLF ISTRLFSKIN AIFNNKGS I KKI E P F I N E Y K I D M S E Y E K K E Y T S F D D F F T R K I L E G K R S F S K E K S H L I S P A D S K L M V Y E I D D D L K M N I K N S I Y T V G E L L N D E K L S R E Y K N G T C L I F R L T V D D Y H R Y C F I D D G S L K Y R K V I N G R L H T V G P I S S K R Y K V Y S E N N R E Y S V L K T R N F G K V I Q I E V G A L L V G K I K N H S I K V F K K G D E K G Y F C F G G
<b>Source</b>	Mammalian cell
<b>Target Names</b>	psd2
<b>Protein Names</b>	Recommended name: Phosphatidylserine decarboxylase proenzyme 2 EC= 4.1.1.65 Cleaved into the following 2 chains: 1. Phosphatidylserine decarboxylase alpha chain 2 2. Phosphatidylserine decarboxylase beta chain 2
<b>Expression Region</b>	1-250
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	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°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.