Phosphatidylserine Decarboxylase Proenzyme (psd) Bacillus Halodurans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphatidylserine decarboxylase proenzyme (psd), Recombinant Protein
Full Product Name	Recombinant Bacillus halodurans Phosphatidylserine decarboxylase proenzyme (psd)
Product Gene Name	psd recombinant protein
Product Synonym Gene Name	psd
Sequence	MRKTFFRLCF ELSSHPVLSS MLQAFTTSKA SRWLIPSFVR VYNINGQEAE KPLHTYQSLQ EVFTRTLTEN CRPIDLSPKS IVSPVDGVLA EQGTLSDEAN FVVKNQTYTL EEMLGGKEKA KLYREGTYLL FYLSPSHYHR IHSPVNGTIK EQWTLGNKSA PVNNLGLRYG KRPLSRNYRL LTELEAEEGR CIVAKIGALN VNSIVPTHQS EHVDKGEEIG YFAFG
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	29,373 Da
Sequence Positions	1-225, Full length
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q9KDA3
Species	Bacillus halodurans (strain BAA-125 / DSM 18197 / FERM 7344 / JCM 9153 / C-125)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for psd recombinant protein	MBS1343077 is a recombinant protein targeting psd. Also known as Recombinant Bacillus halodurans Phosphatidylserine decarboxylase proenzyme (psd). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of psd recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for psd. It may not necessarily be applicable to this product.

NCBI GI #	499199938
NCBI Accession #	WP_010897478.1
UniProt Primary Accession #	Q9KDA3
GenBank Nucleotide #	WP_010897478.1

NCBI Official Full Name	MULTISPECIES: phosphatidylserine decarboxylase proenzyme
UniProt Protein Name	Phosphatidylserine decarboxylase proenzyme
Protein Family	PH and SEC7 domain-containing protein
UniProt Gene Name	psd
UniProt Comments for psd	Catalyzes the formation of phosphatidylethanolamine (PtdEtn) from phosphatidylserine (PtdSer).
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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