Phosphatidylserine Decarboxylase Proenzyme (psd) Bacillus Cereus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphatidylserine decarboxylase proenzyme (psd), Recombinant Protein
Full Product Name	Recombinant Bacillus cereus Phosphatidylserine decarboxylase proenzyme (psd)
Product Gene Name	psd recombinant protein
Product Synonym Gene Name	psd
Sequence	MRRTLYRLMI ELTNGRFTSY ILRKFAQSRL SSIIIPSYAK VFQINQDEME KGLKEYRTLH ELFTRKLKEG KRSIDTDASS IVSPVDGVFA DHGPIEDTKT FDIKGKRYSI VDMLGNEERA TRYAGGTYMV IYLSPSHYHR IHSPLSGSVT ERFVLGRKSY PVNAAGMEYG KEPLSKNYRS VTEVSSDGEH MALVKVGAMF VNSIELLHER DTVQKGEEMA YFTFG
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	29,864 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 Q818C6
Species	Bacillus cereus (strain 14579 / DSM 31)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for psd recombinant protein	MBS1351744 is a recombinant protein targeting psd. Also known as Recombinant Bacillus cereus 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 #	30022416
NCBI GeneID	1206680
NCBI Accession #	NP_834047.1
UniProt Primary Accession #	Q818C6
UniProt Related Accession #	Q818C6

GenBank Nucleotide #	NC_004722.1
NCBI Official Full Name	phosphatidylserine decarboxylase
NCBI Official Symbol	BC4335
UniProt Protein Name	Phosphatidylserine decarboxylase proenzyme
Protein Family	PH and SEC7 domain-containing protein
UniProt Gene Name	psd
NCBI Protein Information	phosphatidylserine decarboxylase
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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