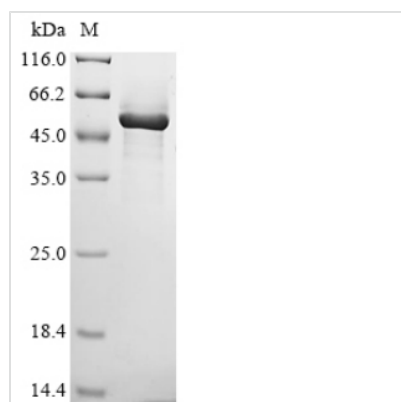




Recombinant Human Phosphatidylserine decarboxylase proenzyme, mitochondrial (PISD)

Product Code	CSB-EP880077HU
Abbreviation	Recombinant Human PISD protein
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9UG56
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MMQCSEARQGPELRAAKWLHFPQLALRRRLGQLSCMSRPALKLRSWPLTVL YYLLPFGALRPLSRVGWRPVSRVALYKSVPTRLLSRAWGRLNQVELPHWLRR PVYSLYIWTFGVNMKEAAVEDLHHYRNLSEFFRRKLKPQARPVCGLHSHVISPS DGRILNFGQVKNCVEQVKGVTYSLESFLGPRMCTEDLPFPPAASCDSFKNQ LVTREGNELYHCVIYLAPGDYHCFHSPTDWTVSHRRHFPGSLMSVNPGMAR WIKELFCHNERVVLTGDWKHGFFSLTAVGATNVGSIRIYFDRDLHTNSPRHSK GSYNDFSFTHTNREGVPMRKGEHLGEFNLGSTIVLIFEAPKDFNFQLKTGQKI RFGEALGSL
Source	E.coli
Target Names	PISD
Expression Region	1-375aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	56.0kDa
Protein Length	Full Length of Isoform 2

Image



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



Description

The Recombinant Human PISD is an essential research tool for scientists investigating the role of Phosphatidylserine decarboxylase proenzyme in metabolism. This mitochondrial protein plays a critical role in the biosynthesis of phosphatidylethanolamine, which is a vital component of cellular membranes and has implications in various cellular processes.

Our Recombinant Human PISD is the full length of Isoform 2 (1-375aa), ensuring an accurate representation for your research needs. Expressed in *E. coli*, this protein features an N-terminal 6xHis-SUMO tag for convenient purification and detection. With a purity greater than 90% as determined by SDS-PAGE and available in both liquid and lyophilized powder forms, this high-quality recombinant protein offers the reliability and performance necessary for your metabolism-focused research.

Shelf Life

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.