



Recombinant Escherichia coli Aspartate 1-decarboxylase (panD)

Product Code	CSB-EP314110ENQ-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0C7I4
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain ATCC 9637 / CCM 2024 / DSM 1116 / NCIMB 8666 / NRRL B-766 / W)
Purity	>85% (SDS-PAGE)
Sequence	MIRTMLQGKL HRVKVTHADL HYEG
Source	E.coli
Target Names	panD
Protein Names	Recommended name: Aspartate 1-decarboxylase EC= 4.1.1.11 Alternative name(s): Aspartate alpha-decarboxylase Cleaved into the following 2 chains: 1. Aspartate 1-decarboxylase beta chain 2. Aspartate 1-decarboxylase alpha chain
Expression Region	1-24
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	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.
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.