



Recombinant Vibrio sp. Aspartate carbamoyltransferase catalytic chain (pyrB)

Product Code	CSB-EP309845VCO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P96174
Product Type	Recombinant Protein
Immunogen Species	Vibrio sp. (strain 2693)
Purity	>85% (SDS-PAGE)
Sequence	ANPLFRKHI VSINDISRNE LELIVKTA AK LKKQPPELL KNKVIASCFF EASTRRLSF ETAIQRLLGGT VIGFDNASNT SLAKKGETLA DSISVISSYV DAFVMRHPQE GAARLASEFS NVPVINGGDG SNQHPTQTL DLFSIYETQG CLDNLNIALV GDLKYGRVH SLAQALAKFS GCKFYFIAPD ALAMPEYICD ELDEHNVSYA CYN SIEEVVP EIDVLYMTRV QKERFDETEY QHMKAGFILS ASSLKHAKDN LKVLHPLPRV DEIAVDV DKT PYAYYFQQAE NGVYAREALL ALVLNATIEG
Source	E.coli
Target Names	pyrB
Protein Names	Recommended name: Aspartate carbamoyltransferase catalytic chain EC=2.1.3.2 Alternative name(s): Aspartate transcarbamylase Short name= ATCase
Expression Region	2-310
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 of Mature 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.