



Recombinant *Staurastrum punctulatum* Pyruvate dehydrogenase E1 component subunit beta (pdhB)

Product Code	CSB-YP657699SCAK
Abbreviation	pdhB
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.	Q32RS0
Product Type	Recombinant Protein
Immunogen Species	<i>Staurastrum punctulatum</i> (Green alga) (<i>Cosmoastrum punctulatum</i>)
Purity	>85% (SDS-PAGE)
Sequence	MSEMLLFEAL REGLQEEMDR DPKVLVMGED VGHYGGSYKV TKGFAEKYGD LRLLDTPIAE NSFTGMAIGA AMTGLRPVVE GMNMGFLLLA FNQIANNAGM LHYTSGANFT IPIVIRGPGG VGRQLGAEHS QRLESYFQSV PGLQLVACST PINAKGLIKS SIRSENPVIL FEHVLLYNLK ETIPDNEYLV CLEKAEIVRP GTDITILTYS RMRHHVLQAT KSLVYKGYDP EIIDIVSLKP VDLGTISTSI KKTHKVLIVE ECMRTGGIGA SLRATIMEHL FDFLDAPIMC LSSQDVPTPY SGPLEELTVI QPAQIVQAVE QLCNNGNN
Source	Yeast
Target Names	pdhB
Protein Names	Recommended name: Pyruvate dehydrogenase E1 component subunit beta EC= 1.2.4.1
Expression Region	1-328
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.