



Recombinant *Saccharomyces cerevisiae* Pyruvate dehydrogenase E1 component subunit alpha, mitochondrial (PDA1)

Product Code	CSB-EP325423SVG
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.	P16387
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	ATLKTTD KKAPEDIEGS DTVQIELPES SFESYMLEPP DLSYETSKAT LLQMYKDMVI IRRMEMACDA LYKAKKIRGF CHLSVGQEI AVGIENAITK LDSIITSYRC HGFTFMRGAS VKAVLAELMG RRAGVSYGKG GSMHLYAPGF YGGNGIVGAQ VPLGAGLAFQA HQYKNEDACS FTLYGDGASN QGQVFESFNM AKLWNLPPVF CCENNKYGMG TAASRSSAMT EYFKRGQYIP GLKVNMDIL AVYQASKFAK DWCLSGKGPL VLEYETYRYG GHMSDPGTT YRTRDEIQHM RSKNDPIAGL KMHLIDLGA TEAEVKAYDK SARKYVDEQV ELADAAPPE AKLSILFEDV YVKGTTETPTL RGRIPEDTWD FKKQGFASRD
Source	<i>E. coli</i>
Target Names	PDA1
Protein Names	Recommended name: Pyruvate dehydrogenase E1 component subunit alpha, mitochondrial EC= 1.2.4.1 Alternative name(s): Pyruvate dehydrogenase complex component E1 alpha Short name= PDHE1-A
Expression Region	34-420
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



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