



Recombinant Phenylalanine dehydrogenase (pdh)

Product Code	CSB-EP310246SKM
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P97014
Product Type	Recombinant Protein
Immunogen Species	Sporosarcina ureae
Purity	>85% (SDS-PAGE)
Sequence	MILVTLEQTL QDDKASVLDK MVEHEQILFC HDKATGLQAI IAVHDTTMGP ALGGCRMAY KTMDLALKDV LRLSKGMTYK CAAADVDFGG GKSVIIGDPL KDKTPEKFRA FGQFIESLNG RFYTGTDMGT TLEDFVHAMK ETNYIVGKPV EYGGGGDSSI PTALGVFYGI KATNQNLFGD DKVEGRKYSI QGLGKVGYKV AEHIINEGGN VIVTDINEQA IADIQKLGGS AVRVSSEEI YSQQADVFP CAFGGVINDD TLKVLKVRGI SGSANNQLAE SRHGELLREK GILYAPDYIV NGGGLIQVAD ELYGTNPARV LAKTENIYTS LLEVHQAEQ DHMTTATAAD RMCEKRIADA KNRNSFFTQS NRPKWNFHQ
Source	E.coli
Target Names	pdh
Protein Names	Recommended name: Phenylalanine dehydrogenase Short name= PheDH EC= 1.4.1.20
Expression Region	1-379
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.