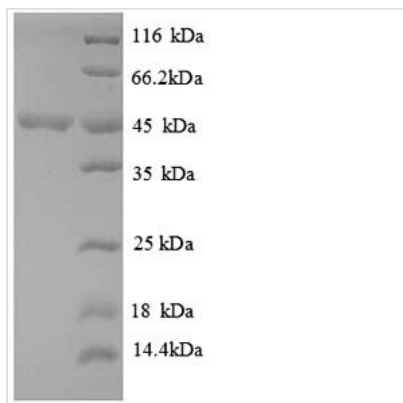




Recombinant Sporosarcina ureae Phenylalanine dehydrogenase (pdh)

Product Code	CSB-RP150094Ba
Relevance	Catalyzes the reversible, NAD-dependent deamination of L-phenylalanine to phenyl pyruvate, ammonia and NADH.
Abbreviation	Recombinant Sporosarcina ureae pdh protein
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.	P97014
Product Type	Recombinant Protein
Immunogen Species	Sporosarcina ureae
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MILVTLEQTLQDDKASVLDKMVEHEQILFCHDKATGLQAIIVHDTTMG PALGG CRMAYKTM DLAL KDVLRLSKGMTYKCAAADVDFGGGKSVIIGDPLKDKTPEK FRAFGQFIESLNGRFYTGTDMGTTLEDFVHAMKETNYIVGKPVVEYGGGGDSSI PTALGVFYGIKATNQNLFGDDKVEGRKYSIQGLGKVGKVAEHIINEGGNVIVT DINEQAIADIQKLGGSAVRVVSSEEIYSQQADVFPVPCAFGGVINDDTLKV LKVR GISGSANNQLAESRHGELLREKGILYAPDYIVNGGGGLIQVADELYGTNPARVLA KTENIYTSLLVFHQAEQDHMTTATAADRMCEKRIADAKNRNSFFTQSNRPKW NFHQ
Research Area	Others
Source	E.coli
Target Names	pdh
Expression Region	1-379aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	45.3kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.