

Recombinant Sporosarcina Ureae PDH Protein (1-379 aa), His-tagged

Cat. No. PDH-1281S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Sporosarcina Ureae PDH Protein (1-379 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Sporosarcina Ureae
Source	E.coli
ProteinLength	1-379 aa
Description	Catalyzes the reversible, NAD-dependent deamination of L-phenylalanine to phenyl pyruvate, ammonia and NADH.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	45.3 kDa
AA Sequence	MILVTLEQTLQDDKASVLDKMVEHEQILFCHDKATGLQAIIVHDTTMGPALGGCRM APYKTMDLALKDVLRLSKGMTYKCAAADVDFGGGKSVIIGDPLKDKTPEKFRAFGQF IESLNGRFYTGTDMGTTLEDFVHAMKETNYIVGKPVYEGGGGDSSIPTALGVFYGIK ATNQNLFGDDKVEGRKYSIQGLGKVGKVAEHIINEGGNVIVTDINEQAIADIQKLGG SAVRVVSSEEIYSQQADVFPVPCAFGGVINDDTLKVLKVRGISGSANNQLAESRHGEL LREKGILYAPDIYVNGGGLIQVADELYGTNPARVLAKTENIYTSLLEV FHQAEQDHMT TATAADRMCEKRIADAKNRNSFFTQSNRPKWNFHQ

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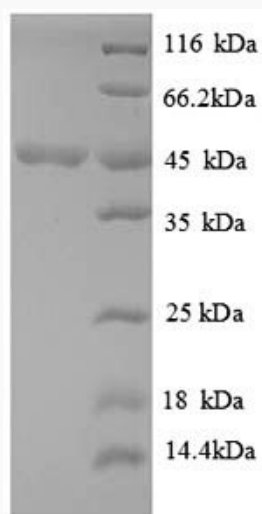
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Synonyms	pdh;
UniProt ID	P97014



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

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