

Recombinant Phosphite Dehydrogenase Protein, His tagged

Cat. No. Phosphite Dehydrogenase-16 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Source	E.coli
ProteinLength	1-336 aa
Description	Phosphite dehydrogenase (PTDH or PtxD) is a unique, aerobic, NAD + dependent enzyme that oxidizes inorganic phosphite (hydrogen phosphonate) to phosphate Eq.
AASequence	MLPKLVITHRVHDEILQLLAPHCELMTNQTDSTLTREEILRRCRDAQAMMAFMPDRV DADFLQACPELRVVGKALGFDNFDVDACTARGVWLTVPDLLTVPTAELAIGLAVG LGRHLRAADAFVRSGEFQGWQPQFYGTGLDNATVGILGMGAIGLAMADRLQGWA TLQYHEAKALDTQTEQRLGLRQVACSELFASDFILLALPLNADTQHLVNAELLALVR PGALLVNPCRGSVVDEAAVLAALERGQLGGYAADVFEEDWARADRPRLIDPALLA HPNTLFTPHIGSAVRVRLEIERCAAQNIQVLGARPINAANRLPKAEPAACHHHHH H
Molecular Mass	37 kDa
Purity	> 85% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile 50mM PB, pH7.3, 50mM NaCl, 20% Glycerol

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

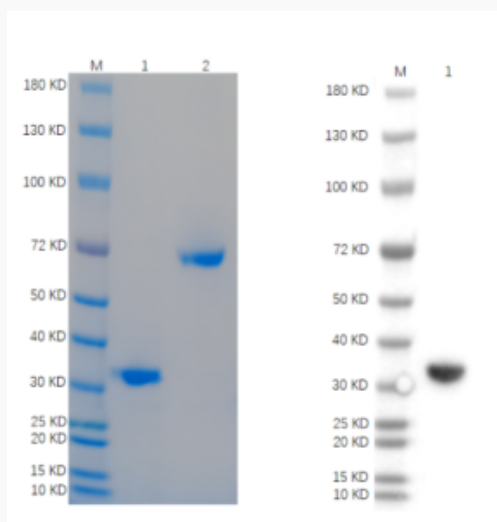
Concentration 1 mg/mL by BCA

GENE INFORMATION

Official Symbol Phosphite dehydrogenase

Synonyms Phosphite dehydrogenase; PTDH; PtxD

SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profile of purified Phosphite Dehydrogenase. 1. Phosphite Dehydrogenase: 1 μ g 2. BSA: 1 μ g

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