

glyceraldehyde-3-phosphate dehydrogenase (phosphorylating)

Cat. No. EXWM-1118

Lot. No. (See product label)

Introduction

Description

Also acts very slowly on D-glyceraldehyde and some other aldehydes; thiols can replace phosphate.

Synonyms

triosephosphate dehydrogenase; dehydrogenase, glyceraldehyde phosphate; phosphoglyceraldehyde dehydrogenase; 3-phosphoglyceraldehyde dehydrogenase; NAD⁺-dependent glyceraldehyde phosphate dehydrogenase; glyceraldehyde phosphate dehydrogenase (NAD⁺); glyceraldehyde-3-phosphate dehydrogenase (NAD⁺); NADH-glyceraldehyde phosphate dehydrogenase; glyceraldehyde-3-P-dehydrogenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.2.1.12

CAS No.

9001-50-7

Reaction

D-glyceraldehyde 3-phosphate + phosphate + NAD⁺ = 3-phospho-D-glyceroyl phosphate + NADH + H⁺

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.