Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.