Creative Enzymes®

glyceraldehyde-3-phosphate dehydrogenase (NAD(P)+) (phosphorylating)

Cat. No. EXWM-1161

Lot. No. (See product label)

Introduction

Description	NAD+ and NADP+ can be used as cofactors with similar efficiency, unlike EC 1.2.1.12 glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) and EC 1.2.1.13 glyceraldehyde-3-phosphate dehydrogenase (NADP+) (phosphorylating), which are NAD+- and NADP+-dependent, respectively.
Synonyms	triosephosphate dehydrogenase (NAD(P)); glyceraldehyde-3-phosphate dehydrogenase (NAD(P)) (phosphorylating)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.2.1.59
CAS No.	39369-25-0
Reaction	D-glyceraldehyde 3-phosphate + phosphate + NAD(P)+ = 3-phospho-D-glyceroyl phosphate + NAD(P)H + 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 ℃.