

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