

## 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<sup>+</sup>-dependent glyceraldehyde phosphate dehydrogenase; glyceraldehyde phosphate dehydrogenase (NAD<sup>+</sup>); glyceraldehyde-3-phosphate dehydrogenase (NAD<sup>+</sup>); 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<sup>+</sup> = 3-phospho-D-glyceroyl phosphate + NADH + H<sup>+</sup>

**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.