

glucose-6-phosphate dehydrogenase [NAD(P)+]

Cat. No. EXWM-0280

Lot. No. (See product label)

Introduction

Description

The enzyme catalyses a step of the pentose phosphate pathway. The enzyme from the Gram-positive bacterium *Leuconostoc mesenteroides* prefers NADP+ while the enzyme from the Gram-negative bacterium *Gluconacetobacter xylinus* prefers NAD+. cf. EC 1.1.1.49, glucose-6-phosphate dehydrogenase (NADP+) and EC 1.1.1.388, glucose-6-phosphate dehydrogenase (NAD+).

Synonyms

G6PDH; G6PD; Glc6PD

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.363

Reaction

D-glucose 6-phosphate + NAD(P)+ = 6-phospho-D-glucono-1,5-lactone + 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.