

glucose-6-phosphate dehydrogenase (NADP+)

Cat. No. EXWM-0334

Lot. No. (See product label)

Introduction

Description The enzyme catalyses a step of the pentose phosphate pathway. The enzyme is specific for NADP+. cf. EC 1.1.1.363, glucose-6-phosphate dehydrogenase [NAD(P)+] and EC 1.1.1.388, glucose-6-phosphate dehydrogenase (NAD+).

Synonyms NADP-glucose-6-phosphate dehydrogenase; Zwischenferment; D-glucose 6-phosphate dehydrogenase; glucose 6-phosphate dehydrogenase (NADP); NADP-dependent glucose 6-phosphate dehydrogenase; 6-phosphoglucose dehydrogenase; Entner-Doudoroff enzyme; glucose-6-phosphate 1-dehydrogenase; G6PDH; GPD; glucose-6-phosphate dehydrogenase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.49

CAS No. 9001-40-5

Reaction D-glucose 6-phosphate + NADP+ = 6-phospho-D-glucono-1,5-lactone + NADPH + 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.