

glucose-6-phosphate dehydrogenase (NAD+)

Cat. No. EXWM-0307

Lot. No. (See product label)

Introduction

Description The enzyme catalyses a step of the pentose phosphate pathway. The enzyme from the archaeon *Haloferax volcanii* is specific for NAD+. cf. EC 1.1.1.363, glucose-6-phosphate dehydrogenase [NAD(P)+] and EC 1.1.1.49, glucose-6-phosphate dehydrogenase (NADP+).

Synonyms Glc6PDH; azf (gene name); archaeal zwischenferment

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.388

Reaction D-glucose 6-phosphate + NAD+ = 6-phospho-D-glucono-1,5-lactone + NADH + 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.