

## glucose-6-phosphate dehydrogenase (NAD<sup>+</sup>)

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<sup>+</sup>. cf. EC 1.1.1.363, glucose-6-phosphate dehydrogenase [NAD(P)<sup>+</sup>] and EC 1.1.1.49, glucose-6-phosphate dehydrogenase (NADP<sup>+</sup>).

#### 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<sup>+</sup> = 6-phospho-D-glucono-1,5-lactone + 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.