

## glucose 1-dehydrogenase [NAD(P)+]

Cat. No. EXWM-0332

Lot. No. (See product label)

### Introduction

**Description** This enzyme has similar activity with either NAD<sup>+</sup> or NADP<sup>+</sup>. cf. EC 1.1.1.118, glucose 1-dehydrogenase (NAD<sup>+</sup>) and EC 1.1.1.119, glucose 1-dehydrogenase (NADP<sup>+</sup>).

**Synonyms** D-glucose dehydrogenase (NAD(P)<sup>+</sup>); hexose phosphate dehydrogenase; β-D-glucose:NAD(P)<sup>+</sup> 1-oxidoreductase; glucose 1-dehydrogenase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.1.1.47

**CAS No.** 9028-53-9

**Reaction** D-glucose + NAD(P)<sup>+</sup> = D-glucono-1,5-lactone + NAD(P)H + 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.