Creative Enzymes®

NAD(P)H oxidase (H2O-forming)

Cat. No. EXWM-1584

Lot. No. (See product label)

Introduction

Description	A flavoprotein (FAD). NADPH is a better substrate than NADH. By removal of oxygen the enzyme is involved in aerobic tolerance in the thermophilic anaerobic archaeon Thermococcus profundus and in Giardia intestinalis, a microaerophilic single-celled parasite of the order Diplomonadida.

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.6.3.2
Reaction	2 NAD(P)H + 2 H+ + O2 = 2 NAD(P)+ + 2 H2O
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.