

NADPH peroxidase

Cat. No. EXWM-0501

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on a peroxide as acceptor (peroxidases). The systematic name of this enzyme class is NADPH:hydrogen-peroxide oxidoreductase. Other names in common use include TPNH peroxidase, NADP peroxidase, nicotinamide adenine dinucleotide phosphate peroxidase, TPN peroxidase, triphosphopyridine nucleotide peroxidase, and NADPH2 peroxidase.

Synonyms

TPNH peroxidase; NADP peroxidase; nicotinamide adenine dinucleotide phosphate peroxidase; TPN peroxidase; triphosphopyridine nucleotide peroxidase; NADPH2 peroxidase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.11.1.2

CAS No. 9029-51-0

Reaction $\text{NADPH} + \text{H}^+ + \text{H}_2\text{O}_2 = \text{NADP}^+ + 2 \text{H}_2\text{O}$

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.