Creative Enzymes®

rubredoxin-NAD(P)+ reductase

Cat. No. EXWM-1109

Lot. No. (See product label)

Introduction

Description	The enzyme from Pyrococcus furiosus requires FAD. It reduces a number of electron carriers, including benzyl viologen, menadione and 2,6-dichloroindophenol, but rubredoxin is the most efficient. Ferredoxin is not utilized.
Synonyms	rubredoxin-nicotinamide adenine dinucleotide (phosphate) reductase; rubredoxin-nicotinamide adenine; dinucleotide phosphate reductase; NAD(P)+-rubredoxin oxidoreductase; NAD(P)H-rubredoxin oxidoreductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.18.1.4
CAS No.	80237-97-4
Reaction	2 reduced rubredoxin + NAD(P)+ + H+ = 2 oxidized rubredoxin + NAD(P)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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.