Creative Enzymes®

NAD(P)H sulfur oxidoreductase (CoA-dependent)

Cat. No. EXWM-1644

Lot. No. (See product label)

Introduction

Description	This FAD-dependent enzyme, characterized from the archaeon Pyrococcus furiosus, is responsible for NAD(P)H-linked sulfur reduction. The activity with NADH is about half of that with NADPH. The reaction is dependent on CoA, although the nature of this dependency is not well understood.
Synonyms	NADPH NSR; S0 reductase; coenzyme A-dependent NADPH sulfur oxidoreductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.8.1.18
Reaction	hydrogen sulfide + NAD(P)+ = sulfur + NAD(P)H + 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 ℃.