Creative Enzymes®

catalase-peroxidase

Cat. No. EXWM-0503

Lot. No. (See product label)

Introduction

Description	Differs from EC 1.11.1.7, peroxidase in having a relatively high catalase (EC 1.11.1.6) activity with H2O2 as donor, releasing O2; both activities use the same heme active site. In Mycobacterium tuberculosis it is responsible for activation of the commonly used antitubercular drug, isoniazid.
Synonyms	katG (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.11.1.21
Reaction	(1) donor + H2O2 = oxidized donor + 2 H2O; (2) 2 H2O2 = O2 + 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 ℃.