

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.