Creative Enzymes®

catalase

Cat. No. EXWM-0508

Lot. No. (See product label)

Introduction

Description	A hemoprotein. A manganese protein containing MnIII in the resting state, which also belongs here, is often called pseudocatalase. The enzymes from some organisms, such as Penicillium simplicissimum, can also act as a peroxidase (EC 1.11.1.7) for which several organic substances, especially ethanol, can act as a hydrogen donor. Enzymes that exhibit both catalase and peroxidase activity belong under EC 1.11.1.21, catalase-peroxidase.
Synonyms	equilase; caperase; optidase; catalase-peroxidase; CAT

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.11.1.6
CAS No.	9001-05-2
Reaction	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 ℃.