Creative Enzymes®

Bovine Catalase−polyethylene glycol

Cat. No. NATE-0111

Lot. No. (See product label)

Introduction

Description	PEG labeled catalase is one of PEGylated catalase conjugates. Catalase is a common enzyme found in nearly all living organisms exposed to oxygen. It catalyzes the decomposition of hydrogen peroxide to water and oxygen. Catalase is an important enzyme in protecting the cell from oxidative damage by reactive oxygen species. PEG modified catalase shows better stability with good reactivity. We provide a variety of chemically functionalized and bio-conjugated catalase with different functionality. These functionalized catalase conjugates were purified by size exclusion chromatography to ensure adequate applications both in-vitro and in-vivo.
Synonyms	PEG-Catalase; Catalase−polyethylene glycol; CAT-PEG

Product Information

Species	Bovine
Source	Bovine liver
Form	Lyophilized powder
CAS No.	9001-05-2
Molecular Weight	~250 KDa
Activity	2000-5000 units/mg before conjugation; 20~50 PEG5000 on each catalase molecule
Composition	Catalase from bovine liver modified with PEG

Usage and Packaging

Package	Package size based on protein content

Storage and Shipping Information

Storage	Store at -20°C