Creative Enzymes®

Cholesterol oxidase from Nocardia sp., Recombinant

Cat. No. NATE-1033

Lot. No. (See product label)

Introduction

Description	Cholesterol oxidase (CHOD) is a monomeric flavoprotein containing FAD that catalyzes the first step in cholesterol catabolism. This bifunctional enzyme oxidizes cholesterol to cholest-5-en-3-one in an FAD-requiring step, which is then isomerized to cholest-4-en-3-one with the release of H2O2.
Synonyms	EC 1.1.3.6, cholesterol-O2 oxidoreductase; 3β-hydroxy steroid oxidoreductase; 3β-hydroxysteroid:oxygen oxidoreductase; 9028-76-6

Product Information

Species	Nocardia sp.
Source	E. coli
Form	Lyophilized powder
EC Number	EC 1.1.3.6
CAS No.	9028-76-6
Activity	> 20 Units / mg
Contaminants	Glucose oxidase <0.01% Catalase <1.00% Uricase <0.01%

Storage and Shipping Information

Storage	Below -20°C