

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; 3 β -hydroxy steroid oxidoreductase; 3 β -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