

Ketoreductase, Recombinant

Cat. No. NATE-0365

Lot. No. (See product label)

Introduction

Description Ketoreductase reduces 4-chloroacetoacetate with NADPH as a cosubstrate.

Applications Ketoreductases are used to study the stereospecificity of ketoreductase domains. They may be used to reduce precursors of α -chloroalcohols, which are synthetic intermediates for various pharmaceutical compounds. This product is recombinant and expressed in E. coli at > 2.2 units/mg.

Synonyms Ketoreductase; EC 1.1.1.2; 9028-12-0

Product Information

Source E. coli

EC Number EC 1.1.1.2

CAS No. 9028-12-0

Activity > 0.2 units/mg; > 2.2 units/mg

Unit Definition 1 U corresponds to the amount of enzyme which reduces 1 μ mol 4-chloroacetoacetate per minute at pH 6.0 and 25°C (cosubstrate NADPH).

Usage and Packaging

Package Bottomless glass bottle. Contents are inside inserted fused cone.

Storage and Shipping Information

Storage 2-8°C