Creative Enzymes®

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 μmol 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