Creative Enzymes®

3-oxo-5-β-steroid 4-dehydrogenase from Human, Recombinant

Cat. No. NATE-1193

Lot. No. (See product label)

Introduction

Description	In enzymology, a 3-oxo-5beta-steroid 4-dehydrogenase (EC 1.3.99.6) is an enzyme that catalyzes the chemical reaction: a 3-oxo-5beta-steroid + acceptor ↔ a 3-oxo-Delta4-steroid + reduced acceptor. Thus, the two substrates of this enzyme are 3-oxo-5beta-steroid and acceptor, whereas its two products are 3-oxo-Delta4-steroid and reduced acceptor. This enzyme belongs to the family of oxidoreductases, to be specific, those acting on the CH-CH group of donor with other acceptors.
Synonyms	Aldo-keto reductase family 1 member D1; Delta(4)-3-ketosteroid 5-beta-reductase; Delta(4)-3-oxosteroid 5-beta-reductase

Product Information

Source	Human
EC Number	EC 1.3.1.3
Molecular Weight	36671.4 Da