

## 3-oxo-5- $\beta$ -steroid 4-dehydrogenase from Human, Recombinant

Cat. No. NATE-1193

Lot. No. (See product label)

### Introduction

#### Description

In enzymology, a 3-oxo-5 $\beta$ -steroid 4-dehydrogenase (EC 1.3.99.6) is an enzyme that catalyzes the chemical reaction: a 3-oxo-5 $\beta$ -steroid + acceptor  $\leftrightarrow$  a 3-oxo-Delta4-steroid + reduced acceptor. Thus, the two substrates of this enzyme are 3-oxo-5 $\beta$ -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