

## Recombinant 3-alpha(17-beta)-hydroxysteroid dehydrogenase

Cat. No. EXWM-0146

Lot. No. (See product label)

### Introduction

#### Description

Also acts on other 17 $\beta$ -hydroxysteroids and on the 3 $\alpha$ -hydroxy group of pregnanes and bile acids. Different from EC 1.1.1.50 3 $\alpha$ -hydroxysteroid dehydrogenase (Si-specific) or EC 1.1.1.213 3 $\alpha$ -hydroxysteroid dehydrogenase (Re-specific).

### Product Information

**Source** E.coli

**Form** Liquid

**EC Number** EC 1.1.1.239

**CAS No.** 126469-82-7

**Molecular Weight** 35 kDa

**Purity** Greater than 90% as determined by SDS-PAGE.

**Concentration** 0.145 mg/mL

**Buffer** 50mM Tris, 0.3 M NaCl, pH8.0, 0.05% SKL

**Reaction** testosterone + NAD<sup>+</sup> = androstenedione + NADH + H<sup>+</sup>

**Notes** This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

**Storage** Store it under sterile conditions at -20 to -80 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.