

## 13,14-dehydro-15-oxoprostaglandin 13-reductase

Cat. No. EXWM-1320

Lot. No. (See product label)

### Introduction

**Description** Reduces 13,14-dehydro-15-oxoprostaglandins to 13,14-dihydro derivatives. The enzyme from placenta is specific for NAD+.

**Synonyms** 15-oxo- $\Delta$ 13-prostaglandin reductase;  $\Delta$ 13-15-ketoprostaglandin reductase; 15-ketoprostaglandin  $\Delta$ 13-reductase; prostaglandin  $\Delta$ 13-reductase; prostaglandin 13-reductase; (5Z)-(15S)-11 $\alpha$ -hydroxy-9,15-dioxoprostanoate:NAD(P)+  $\Delta$ 13-oxidoreductase; (5Z)-11 $\alpha$ -hydroxy-9,15-dioxoprost-5-enoate:NAD(P)+  $\Delta$ 13-oxidoreductase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.3.1.48

**CAS No.** 57406-74-3

**Reaction** 11 $\alpha$ -hydroxy-9,15-dioxoprostanoate + NAD(P)+ = (13E)-11 $\alpha$ -hydroxy-9,15-dioxoprost-13-enoate + NAD(P)H + H+

**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 at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.