Creative Enzymes®

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-Δ13-prostaglandin reductase; Δ13-15-ketoprostaglandin reductase; 15-ketoprostaglandin Δ13-reductase; prostaglandin Δ13-reductase; prostaglandin 13-reductase; (5Z)-(15S)-11α-hydroxy-9,15-dioxoprostanoate:NAD(P)+ Δ13-oxidoreductase; (5Z)-11α-hydroxy-9,15-dioxoprost-5-enoate:NAD(P)+ Δ13-oxidoreductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.3.1.48
CAS No.	57406-74-3
Reaction	11α-hydroxy-9,15-dioxoprostanoate + NAD(P)+ = (13E)-11α-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.