

## 15-hydroxyprostaglandin dehydrogenase (NADP+)

Cat. No. EXWM-0100

Lot. No. (See product label)

### Introduction

**Description** Acts on prostaglandins E2, F2 $\alpha$  and B1, but not on prostaglandin D2 [cf. EC 1.1.1.141 15-hydroxyprostaglandin dehydrogenase (NAD<sup>+</sup>) and EC 1.1.1.196 15-hydroxyprostaglandin-D dehydrogenase (NADP<sup>+</sup>)]. May be identical with EC 1.1.1.189 prostaglandin-E2 9-reductase.

**Synonyms** NADP-dependent 15-hydroxyprostaglandin dehydrogenase; NADP-linked 15-hydroxyprostaglandin dehydrogenase; NADP-specific 15-hydroxyprostaglandin dehydrogenase; type II 15-hydroxyprostaglandin dehydrogenase; 15-hydroxyprostaglandin dehydrogenase (NADP)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.1.1.197

**CAS No.** 54989-39-8

**Reaction** (13E)-(15S)-11 $\alpha$ ,15-dihydroxy-9-oxoprost-13-enoate + NADP<sup>+</sup> = (13E)-11 $\alpha$ -hydroxy-9,15-dioxoprost-13-enoate + NADPH + 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 at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.