

## 15-hydroxyprostaglandin-D dehydrogenase (NADP+)

Cat. No. EXWM-0099

Lot. No. (See product label)

### Introduction

#### Description

Specific for prostaglandins D [cf. EC 1.1.1.141 15-hydroxyprostaglandin dehydrogenase (NAD+) and EC 1.1.1.197 15-hydroxyprostaglandin dehydrogenase (NADP+)].

#### Synonyms

prostaglandin-D 15-dehydrogenase (NADP); dehydrogenase, prostaglandin D2; NADP-PGD2 dehydrogenase; dehydrogenase, 15-hydroxyprostaglandin (nicotinamide adenine dinucleotide phosphate); 15-hydroxy PGD2 dehydrogenase; 15-hydroxyprostaglandin dehydrogenase (NADP); NADP-dependent 15-hydroxyprostaglandin dehydrogenase; prostaglandin D2 dehydrogenase; NADP-linked 15-hydroxyprostaglandin dehydrogenase; NADP-specific 15-hydroxyprostaglandin dehydrogenase; NADP-linked prostaglandin D2 dehydrogenase; 15-hydroxyprostaglandin-D dehydrogenase (NADP)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.196

#### CAS No.

84399-95-1

#### Reaction

$(5Z,13E)-(15S)-9\alpha,15\text{-dihydroxy-11-oxoprostano-5,13-dienoate} + \text{NADP}^+ = (5Z,13E)-9\alpha\text{-hydroxy-11,15-dioxoprostano-5,13-dienoate} + \text{NADPH} + \text{H}^+$

#### 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.