

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

Cat. No. EXWM-0138

Lot. No. (See product label)

### Introduction

#### Description

Specific for prostaglandin I<sub>2</sub>.

#### Synonyms

prostacyclin dehydrogenase; PG I<sub>2</sub> dehydrogenase; prostacyclin dehydrogenase; NADP-linked 15-hydroxyprostaglandin (prostacyclin) dehydrogenase; NADP+-dependent PGI<sub>2</sub>-specific 15-hydroxyprostaglandin dehydrogenase; 15-hydroxyprostaglandin-I dehydrogenase (NADP)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.231

#### CAS No.

79468-49-8

#### Reaction

(5Z,13E)-(15S)-6,9 $\alpha$ -epoxy-11 $\alpha$ ,15-dihydroxyprosta-5,13-dienoate + NADP+ = (5Z,13E)-6,9 $\alpha$ -epoxy-11 $\alpha$ -hydroxy-15-oxoprosta-5,13-dienoate + NADPH + 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.