

## 5'-hydroxyaverantin dehydrogenase

Cat. No. EXWM-0268

Lot. No. (See product label)

### Introduction

#### Description

Isolated from the aflatoxin-producing mold *Aspergillus parasiticus*. Involved in aflatoxin biosynthesis. 5'-Oxoaverantin will spontaneously form averufin by intramolecular ketalisation. cf. EC 4.2.1.142, 5'-oxoaverantin cyclase.

#### Synonyms

HAVN dehydrogenase; adhA (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.352

#### Reaction

(1) (1'S,5'S)-hydroxyaverantin + NAD<sup>+</sup> = 5'-oxoaverantin + NADH + H<sup>+</sup>; (2) (1'S,5'R)-hydroxyaverantin + NAD<sup>+</sup> = 5'-oxoaverantin + NADH + 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.