

## 2-hydroxyisoflavanone synthase

Cat. No. EXWM-0894

Lot. No. (See product label)

### Introduction

**Description** A heme-thiolate protein (P-450). EC 4.2.1.105, 2-hydroxyisoflavanone dehydratase, acts on 2-hydroxy-2,3-dihydrogenistein with loss of water and formation of genistein. This may occur spontaneously.

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.14.13.86

**CAS No.** 168680-18-0

**Reaction** apigenin + 2 NADPH + 2 H<sup>+</sup> + O<sub>2</sub> = 2-hydroxy-2,3-dihydrogenistein + 2 NADP<sup>+</sup> + H<sub>2</sub>O

**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.