

## lupan-3 $\beta$ ,20-diol synthase

Cat. No. EXWM-4969

Lot. No. (See product label)

### Introduction

**Description** The reaction occurs in the reverse direction. The recombinant enzyme from *Arabidopsis thaliana* gives a 1:1 mixture of lupeol and lupan-3 $\beta$ ,20-diol with small amounts of  $\beta$ -amyrin, germanicol, taraxasterol and  $\psi$ -taraxasterol. See EC 5.4.99.41 (lupeol synthase).

**Synonyms** LUP1 (gene name)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.2.1.128

**Reaction** lupan-3 $\beta$ ,20-diol = (3S)-2,3-epoxy-2,3-dihydrosqualene + 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.