

## all-trans-10'-apo-β-carotenal 13,14-cleaving dioxygenase

Cat. No. EXWM-0590

Lot. No. (See product label)

### Introduction

**Description** Requires Fe<sup>2+</sup>. The enzyme from the plant Arabidopsis thaliana also catalyses EC 1.13.11.69, carlactone synthase, 10-fold faster.

**Synonyms** CCD8 (gene name); MAX4 (gene name); NCED8 (gene name); all-trans-10'-apo-β-carotenal:O<sub>2</sub> oxidoreductase (13,14-cleaving)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.13.11.70

**Reaction** all-trans-10'-apo-β-carotenal + O<sub>2</sub> = 13-apo-β-carotenone + (2E,4E,6E)-4-methylocta-2,4,6-trienedial

**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.