

## 8'-apo-β-carotenoid 14',13'-cleaving dioxygenase

Cat. No. EXWM-0587

Lot. No. (See product label)

### Introduction

**Description** A thiol-dependent enzyme isolated from rat and rabbit. Unlike EC 1.13.11.63, β-carotene-15,15'-dioxygenase, it is not active towards β-carotene. The secondary product has not been characterized, but may be (3E,5E)-7-hydroxy-6-methylhepta-3,5-dien-2-one.

**Synonyms** 8'-apo-β-carotenol:O<sub>2</sub> oxidoreductase (14',13'-cleaving)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.13.11.67

**CAS No.** 198028-39-6

**Reaction** 8'-apo-β-carotenol + O<sub>2</sub> = 14'-apo-β-carotenal + an uncharacterized product

**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.