

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:O₂ 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 + O₂ = 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.