

## procollagen-proline dioxygenase

Cat. No. EXWM-0636

Lot. No. (See product label)

### Introduction

#### Description

Requires Fe<sup>2+</sup> and ascorbate.

#### Synonyms

procollagen hydroxylase; proline hydroxylase; proline,2-oxoglutarate 4-dioxygenase; collagen proline hydroxylase; hydroxylase, collagen proline; peptidyl proline hydroxylase; proline procollagen hydroxylase; proline, 2-oxoglutarate dioxygenase; prolyl hydroxylase; prolylprocollagen dioxygenase; prolylprocollagen hydroxylase; procollagen proline 4-hydroxylase; procollagen proline dioxygenase; procollagen proline hydroxylase; procollagen prolyl hydroxylase; prolyl 4-hydroxylase; prolyl-glycyl-peptide, 2-oxoglutarate:oxygen oxidoreductase, 4-hydroxylating; procollagen-proline 4-dioxygenase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.14.11.2

#### CAS No.

9028-06-2

#### Reaction

procollagen L-proline + 2-oxoglutarate + O<sub>2</sub> = procollagen trans-4-hydroxy-L-proline + succinate + CO<sub>2</sub>

#### 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.