Creative Enzymes®

procollagen-proline 3-dioxygenase

Cat. No. EXWM-0675

Lot. No. (See product label)

Introduction

Description	Requires Fe2+ and ascorbate.
Synonyms	proline,2-oxoglutarate 3-dioxygenase; prolyl 3-hydroxylase; protocollagen proline 3-hydroxylase; prolyl-4-hydroxyprolyl-glycyl-peptide, 2-oxoglutarate: oxygen oxidoreductase, 3-hydroxylating

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.11.7
CAS No.	63551-75-7
Reaction	procollagen L-proline + 2-oxoglutarate + O2 = procollagen trans-3-hydroxy-L-proline + succinate + CO2
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.