Creative Enzymes®

protein-lysine 6-oxidase

Cat. No. EXWM-1469

Lot. No. (See product label)

Introduction

Description	Also acts on protein 5-hydroxylysine. This enzyme catalyses the final known enzymic step required for collagen and elastin cross-linking in the biosynthesis of normal mature extracellular matrices. These reactions play an important role for the development, elasticity and extensibility of connective tissue. The enzyme is also active on free amines, such as cadaverine or benzylamine.
Synonyms	lysyl oxidase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.4.3.13
CAS No.	99676-44-5
Reaction	[protein]-L-lysine + O2 + H2O = [protein]-(S)-2-amino-6-oxohexanoate + NH3 + H2O2
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 ℃.