Creative Enzymes®

separase

Cat. No. EXWM-4224

Lot. No. (See product label)

Introduction

Description	In both budding yeast and human cells, cleavage of the cohesin subunit Scc1 by separase is required for sister chromatid separation in mitosis. Budding yeast separase is also known to cleave the Rec8 subunit of a meiotic cohesin complex and the kinetochore protein Slk19. Type example of peptidase family C50.
Synonyms	separin

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.22.49
CAS No.	351527-77-0
Reaction	All bonds known to be hydrolysed by this endopeptidase have arginine in P1 and an acidic residue in P4. P6 is often occupied by an acidic residue or by an hydroxy-amino-acid residue, the phosphorylation of which enhances cleavage
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 ℃.