Creative Enzymes®

gametolysin

Cat. No. EXWM-4320

Lot. No. (See product label)

Introduction

Description	A glycoprotein found in the periplasmic space of Chlamydomonas reinhardtii gametes in a 62 kDa inactive form; decreased to 60 kDa upon activation. A zinc enzyme, inhibited by phosphoramidon, but also thiol activated. Type example of peptidase family M11
Synonyms	autolysin, Chlamydomonas cell wall degrading protease; lysin; Chlamydomonas reinhardtii metalloproteinase; gamete lytic enzyme; gamete autolysin

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.24.38
CAS No.	97089-74-2
Reaction	Cleavage of the proline- and hydroxyproline-rich proteins of the Chlamydomonas cell wall; also cleaves azocasein, gelatin and Leu-Trp-Met┼Arg-Phe-Ala
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 ℃.