Creative Enzymes®

physarolisin

Cat. No. EXWM-4098

Lot. No. (See product label)

Introduction

Description	Belongs in peptidase family S53. From the slime mold Physarum polycephalum. Is not inhibited by pepstatin, but is blocked by methyl 2-diazoacetamidohexanoate. Closely similar enzymes are found in Dictyostelium discoideum and P. flavicomum. Formerly included in EC 3.4.23.6.
Synonyms	Dictyostelium discoideum aspartic proteinase; Dictyostelium discoideum aspartic proteinase E; Physarum flavicomum aspartic proteinase; Physarum polycephalum acid proteinase; Physarum aspartic proteinase; physaropepsin

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.21.103
CAS No.	94949-28-7
Reaction	Milk clotting activity. Preferential cleavage of Gly8┼Ser in B chain of insulin most rapidly, followed by Leu11┼Val, Cys(SO3H)19┼Gly and Phe24┼Phe. No action on Ac-Phe-Tyr(I)2.
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 ℃.