Creative Enzymes®

gingipain R

Cat. No. EXWM-4212

Lot. No. (See product label)

Introduction

Description	A secreted endopeptidase from the bacterium Porphyromonas gingivalis. Strongly activated by glycine, and stabilized by Ca2+. Precursor molecule contains a hemagglutinin domain. Misleadingly described in some literature as "trypsin-like", being a cysteine peptidase, type example of family C25
Synonyms	Arg-gingipain; gingipain-1; argingipain; Arg-gingivain-55 proteinase; Arg-gingivain-70 proteinase; Arg-gingivain-75 proteinase; arginine-specific cysteine protease; arginine-specific gingipain; arginine-specific gingivain; RGP-1; RGP

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.22.37
CAS No.	159745-71-8
Reaction	Hydrolysis of proteins and small molecule substrates, with a preference for Arg in P1
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 ℃.