Creative Enzymes®

cathepsin F

Cat. No. EXWM-4216

Lot. No. (See product label)

Introduction

Description	Cathepsin F is a lysosomal cysteine endopeptidase of family C1 (papain family), most active at pH 5.9. The enzyme is unstable at neutral pH values and is inhibited by compound E-64. Cathepsin F is expressed in most tissues of human, mouse and rat. Human gene locus: 11q13.1-13.3

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.22.41
CAS No.	65997-74-2
Reaction	The recombinant enzyme cleaves synthetic substrates with Phe and Leu (better than Val) in P2, with high specificity constant (kcat/Km) comparable to that of cathepsin L
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 ℃.