Creative Enzymes®

cathepsin O

Cat. No. EXWM-4217

Lot. No. (See product label)

Introduction

Description	Cathepsin O is a lysosomal cysteine peptidase of family C1 (papain family). The recombinant human enzyme is catalytically active at pH 6.0 and is inhibited by compound E-64. Cathepsin O is ubiquitously expressed in human tissues and the human gene locus is 4q31-32

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.22.42
CAS No.	162032-86-2
Reaction	The recombinant human enzyme hydrolyses synthetic endopeptidase substrates including Z-Phe-Arg-NHMec and Z-Arg-Arg-NHMec
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 ℃.