Creative Enzymes®

Native Human Cathepsin D

Cat. No. NATE-1874

Lot. No. (See product label)

Introduction

Description	Cathepsin D is an endosomal-lysosomal aspartic protease implicated in breast cancer metastasis and Alzheimer's disease. Lysosomal release of cathepsin D has been found to precede cytochrome c release and loss of membrane potential in apoptotic human foreskin fibroblasts. Cathepsin D levels in PC12 cells increase 12 to 24 hours after apoptosis is induced.
Synonyms	CTSD; cathepsin D; CLN10; CPSD; HEL-S-130P; EC 3.4.23.5; 9025-26-7

Product Information

Species	Human
Source	Human Spleen
Form	Freeze-dried powder
EC Number	EC 3.4.23.5
CAS No.	9025-26-7
Purity	40% (biuret)
Activity	120 U/mg protein
Solubility	Distilled water or dilute buffer

Storage and Shipping Information

Storage	Store at -20° C