

## 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