

Cathepsin B from Human, recombinant

Cat. No. NATE-1706

Lot. No. (See product label)

Introduction

Description Cathepsin B is a lysosomal cysteine protease. It is implicated in playing a role in protein degradation, arthritis, apoptosis, and cancer.

Synonyms CTSB; 9047-22-7; APPS; CPSB; cathepsin B1 (obsolete); cathepsin II

Product Information

Species Human

Source E. coli

Form Liquid

EC Number EC 3.4.22.1

CAS No. 9047-22-7

Molecular Weight 27.8 kDa (80-333 aa)

Purity > 90% by SDS-PAGE

Activity >7500 mU/mg

Concentration 0.5 mg/ml

Unit Definition 1U = 1 μ mole/min digestion of Ac-Arg-ArgAFC substrate.

Storage and Shipping Information

Storage Stable for at least 1 year as supplied. Dilute in de-ionized water to 0.1 mg/ml and store at -80°C . Avoid repeated freezing and thawing cycles.