

Mouse Elastase

Cat. No. CEFX-036

Lot. No. (See product label)

Introduction

Description Pancreas elastase is an elastase produced in pancreas alveolar cells, initially produced as an inactive zymogen and later activated in the duodenum by trypsin. Elastase hydrolyzes N-Succinyl-Ala-Ala-Ala-p-nitroanilide (SucAla3-pNA) to generate N-Succinyl-Ala-Ala-Ala (SucAla3) and p-Nitroanilide(pNA).

Product Information

Species Mouse

Source Mouse Pancreas

Form Powder

EC Number EC 3.4.21.36

Molecular Weight 28000

Activity 3.2-3.8 units/mg

Unit Definition One unit will hydrolyze 1μmole of SucAl3-pNA per minute at pH 8.8 at 37°C.

Storage and Shipping Information

Storage Store 5°C. Stable 9-12 months.