

## 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 1 $\mu$ mole of SucAl3-pNA per minute at pH 8.8 at 37°C.

### Storage and Shipping Information

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