

## Carboxypeptidase B from *Pichia pastoris*, Recombinant

Cat. No. CEFM-001

Lot. No. (See product label)

### Introduction

**Description** Carboxypeptidase B (or peptidyl-L-lysine (-L-arginine) hydrolase) catalyzes the hydrolysis of the basic amino acids, lysine, arginine, and ornithine from the C-terminal position of polypeptides.

**Applications** Catalyzes the conversion of proinsulin to insulin (production of insulin)

### Product Information

**Source** *Pichia pastoris*

**Form** suspension

**EC Number** EC 3.4.17.2

**Activity** > 400 U / mL

**pH Stability** pH 6 - 9

**Optimum pH** optimum 7.9

**Optimum temperature** active within 25°C - 50°C

### Storage and Shipping Information

**Storage** stable at -20°C