

## Native Porcine Kallikrein

Cat. No. NATE-0362

Lot. No. (See product label)

### Introduction

**Description** Tissue kallikrein is an enzyme. This enzyme catalyses the following chemical reaction: Preferential cleavage of Arg-bonds in small molecule substrates. It acts highly selectively to release kallidin (lysyl-bradykinin) from kininogen. This enzyme is formed from tissue prokallikrein by activation with trypsin.

**Synonyms** tissue kallikrein; glandular kallikrein; pancreatic kallikrein; submandibular kallikrein; submaxillary kallikrein; kidney kallikrein; urinary kallikrein; kallikrein; salivary kallikrein; kininogenin; kininogenase; callicrein; glumorin; padreatin; padutin; kallidinogenase; bradykininogenase; depot-padutin; urokallikrein; diliminal D; onokrein P; 9001-01-8; EC 3.4.21.35

### Product Information

**Species** Porcine

**Source** Porcine pancreas

**EC Number** EC 3.4.21.35

**CAS No.** 9001-01-8

**Activity** > 40 units/mg protein

**Unit Definition** One unit will hydrolyze 1.0  $\mu$ mole of N $\alpha$ -benzoyl-L-arginine ethyl ester (BAEE) to N $\alpha$ -benzoyl-L-arginine and ethanol per min at pH 8.7 at 25°C.

### Storage and Shipping Information

**Storage** 2-8°C