

## Native Human Creatine Kinase BB

Cat. No. NATE-1885

Lot. No. (See product label)

### Introduction

#### Description

Creatine Kinase BB is concentrated in the brain and lungs. Because the CKBB isoenzyme, CPK-1 isoenzyme is predominately found in the brain and lungs, injury to either of these organs (for example, stroke or lung injury due to a pulmonary embolism) are associated with elevated levels of this isoenzyme.

#### Synonyms

CPK-1; CKBB isoenzyme; CK-BB; CKB; creatine kinase, brain; CKBB; creatine kinase B-type; creatine kinase-B; creatine kinase B chain; B-CK; Brain-type creatine kinase; Creatine Kinase BB; BB-CK

### Product Information

#### Species

Human

#### Source

Human Brain

#### Form

Liquid, 50% Glycerol, 25 mM Imidazole, 1 mM DTE, pH 6.5.

#### EC Number

EC 2.7.3.2

#### CAS No.

9001-15-4

#### Purity

CK-BB: > 99% CK-MM: < 1% CK-MB: < 1%

#### Activity

> 500 U/mL

#### Contaminants

LDH: < 0.01% AST/GOT: < 0.01%

#### Unit Definition

One unit will transfer one micromole of phosphate from creatine phosphate to ADP per minute at 37°C

### Storage and Shipping Information

#### Storage

Store at -20° C

#### Stability

2 years