Creative Enzymes®

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 isoenyzme; 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