Creative Enzymes®

Recombinant Human Creatine Kinase MB

Cat. No. EXTZ-809

Lot. No. (See product label)

Introduction

Description	Recombinant Human Creatine Kinase MB (rCK-MB) is a highly purified enzyme produced by recombinant expression in Pichia pastoris.

Product Information

Species	Human
Source	Pichia pastoris, recombinant
Form	Liquid
CAS No.	9001-15-4
Molecular Weight	84,000
Activity	>= 10,000 U/mL
Specific Activity	>= 700 U/mg
Concentration	> 10 mg/mL (Coomassie)
Buffer	10 mM Tris-Cl, 50% glycerol (v/v), 0.5 mM EDTA, 0.5 mM DTT, pH 6.8
Unit Definition	One unit will catalyze the transphosphorylation of one micromole of phosphate from creatine phosphate to ADP per minute at 37 C

Storage and Shipping Information

Storage	-70 C or below
Shipping Conditions	Dry ice