Creative Enzymes®

Creatine Kinase MB Isoenzyme Type-1 from Human, Recombinant

Cat. No. NATE-0818

Lot. No. (See product label)

Introduction

Description	The three isoenzymes (MM, MB, and BB) are found in muscle, cardiac and brain tissues. These recombinant proteins are ideal for calibrating diagnostic instruments and researching neuromuscular diseases. Creatine Kinases can be used for indications in many neuromuscular applications. These disorders include cardiac disease, mitochondrial disorders, inflammatory myopathies, myasthenia, polymyositis, McArdle's disease, NMJ disorders, muscular dystrophy, ALS, hypo and hyperthyroid disorders, central core disease, acid maltase deficiency, myoglobinuria, rhabdomyolysis, motor neuron diseases, rheumatic diseases, and other that create elevated or reduced levels of Creatine Kinases.
Synonyms	Creatine Kinase MB Isoenzyme Type-I; Creatine Kinase MB Isoenzyme Type-1; CKMBITI; CKMBI; CKMB; CKMBT1

Product Information

Species	Human
Source	Pichia Pastoris
Appearance	Sterile Filtered colourless liquid formulation.
Purity	Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Activity	500 IU/mg
Buffer	The protein (10 mg/ml) contains 20mM Sodium Phosphate, pH-8.

Storage and Shipping Information

Stability	CKMBITI although stable at 15°C for 7 days, should be stored below -18°C. Please prevent freeze-thaw cycles.