

## 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; CKMBIT1; 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** CKMBIT1 although stable at 15°C for 7 days, should be stored below -18°C. Please prevent freeze-thaw cycles.