

Creatine Kinase MB Isoenzyme Type-2 from Human, Recombinant

Cat. No. NATE-0819

Lot. No. (See product label)

Introduction

Description

CK-MB Type II possesses the naturally occurring carboxy-terminal amino acid lysine. This occurs during a myocardial infarct (MI or heart attack) when CK-MB Type II is released from damaged heart muscle, and the C-terminal lysine is cleaved in the blood stream, thus creating CK-MB Type I. This difference can be exploited in diagnosis of an MI.

Synonyms

Creatine Kinase MB Isoenzyme Type-II; Creatine Kinase MB Isoenzyme Type-2; CKMBT2; CKMBITII; CKMBII; CKMB

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

892 IU/mg

Buffer

Each mg of protein contains 20mM Tris-HCl, pH-6.8, 1mM EDTA and 1mM DTT.

Storage and Shipping Information

Stability

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