

### 32-2985: CKMB Type-2 Recombinant Protein

**Alternative Name :** Creatine Kinase MB Isoenzyme Type-II,CKMBITII,CKMBI,CKMB.

#### Description

Source : Pichia Pastoris. CKMBITII Human Recombinant produced in Pichia Pastoris reacts with polyclonal antibodies to MB Isoenzyme in ELISA. 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.

#### Product Info

**Amount :** 50 µg  
**Content :** CKMBITII Human Recombinant produced in Pichia Pastoris reacts with polyclonal antibodies to MB Isoenzyme in ELISA.  
**Storage condition :** CKMBITII although stable at 15°C for 7 days, should be stored below -18°C. Please prevent freeze-thaw cycles.

#### Application Note

The enzyme activity measured by kinetic assay at 340nm was 883 IU/mg at 37 degrees Celsius, corresponding to a Specific Activity of 1,133ng/ml.

