

Datasheet for ABIN935285

## Creatine Kinase MB Isoenzyme Type I Protein

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### Overview

Quantity:	1 mg
Target:	Creatine Kinase MB Isoenzyme Type I
Origin:	Human
Source:	Yeast
Protein Type:	Recombinant
Application:	ELISA, Western Blotting (WB)

### Product Details

Characteristics:	Purified recombinant CKMB Type 1 protein Expression System: Yeast
Purity:	> 95 % pure

### Target Details

Target:	Creatine Kinase MB Isoenzyme Type I
Abstract:	<a href="#">Creatine Kinase MB Isoenzyme Type I Products</a>
Background:	<p>Creatine kinase (CK), is an enzyme expressed by various tissues and cell types. CK catalyses the conversion of creatine and consumes adenosine triphosphate (ATP) to create phosphocreatine and adenosine diphosphate (ADP). In the cells, the cytosolic CK enzymes consist of two subunits, which can be either B (brain type) or M (muscle type). There are, therefore, three different isoenzymes: CK-MM, C kbB and CK-MB. .</p> <p>Alternative Names: CK-MB Type 1 protein, Creatine Kinase-MB Isoenzyme Type 1 protein</p>

## Application Details

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Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Frozen in 20 mM K<sub>3</sub>PO<sub>4</sub>, pH 6.0, with 0 mM DTT, and 50 % glycerol.

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Preservative: Dithiothreitol (DTT)

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Precaution of Use: This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Handling Advice: Avoid repeated freeze/thaw cycles.

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Storage: -80 °C

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Storage Comment: Aliquot and store at -70 °C or lower.