

Datasheet for ABIN934527

CKM Protein

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Overview

Quantity:	500 µg
Target:	CKM
Origin:	Human
Source:	Yeast
Protein Type:	Recombinant

Product Details

Characteristics:	Purified recombinant CKMM protein Expression System: Yeast
Purity:	> 99 % pure

Target Details

Target:	CKM
Alternative Name:	CKMM (CKM Products)
Background:	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. . Alternative Names: CK-MM protein, Creatine Kinase-MM Isoenzyme Protein
Molecular Weight:	43 kDa

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

Buffer:	Tris buffered saline, pH 7.2, with 10 mM beta-Mercaptoethanol, 50 % glycerol and 0.1 % NaN ₃ .
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	-80 °C
Storage Comment:	Aliquot and store at -70 °C or lower.