

PRODUCT SPECIFICATION

Creatine Kinase MM (CKMM), Human

Catalog Number: C1324 **Part Number:** 90048

Source: Human Skeletal Muscle

Form

Clear liquid - Buffer: 5mM Sodium Succinate, 10mM Sodium Chloride, 1mM EDTA, 5mM β -Mercaptoethanol, 50% Glycerol, pH 7.0 \pm 0.1

Purity Specification

\geq 98% by SDS-PAGE.

Only CKMM is observed by agarose electrophoresis when stained for creatine kinase activity (report method)

Protein / Content Specification

\geq 0.5 mg/ml by A_{280} ($E_{\text{mg/ml}} = 0.88$)

Activity Specification

\geq 300 units/ml at 30°C by CK-NAC assay

One unit converts 1 μ mole of creatine phosphate to creatine per minute at pH 7.0.

Storage / Shipping

Product is shipped using a refrigerated gel pack (***not temperature monitored***). On arrival, store refrigerated at 2°C to 8°C short term (up to 2 weeks) or frozen between -10°C to -25°C. Avoid repeated freeze-thaw cycles.

Precaution / Hazard Statement

Tested and found negative for HIV 1 & 2, Hepatitis B, and Hepatitis C. Although source materials have been tested for certain diseases, no test can absolutely assure the absence of all infectious agents. Therefore, this product should be handled as a potential biohazard.

Intended Use: For Research Use or Further Manufacture Only. Not for Use in Diagnostic Procedures.

Manufacturers of the highest quality proteins and antibodies.