



LABORATORIES

Manufacturers of the Highest Quality

PRODUCT SPECIFICATION

Creatine Kinase MB, Recombinant, $\geq 95\%$

Catalog Number: C1231 **Part Number:** 90666

Source: Human CKMB, produced in *E.coli*

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

$\geq 95\%$ by SDS-PAGE

Purity $\geq 99\%$ by agarose electrophoresis when stained for creatine kinase activity (report method)

Protein / Content Specification

≥ 0.5 mg/ml by immunoassay (report method)

Activity Specification

Report units/ml at 37°C by CK-NAC assay.

Report units/mg CKMB. One unit converts 1 μ mole of creatine phosphate to creatine per minute at the specified temperature.

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

This product is not considered a biohazard. Handle using normal laboratory procedures.

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

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