CKM
Human Creatine Kinase MM Isoenzyme Skeletal Muscle

Catalog No.	CSI20315A CSI20315B	**Quantity:**	100 U 1 KU

Alternate Names: CKMM, M-CK, CKM

Description: Lyophilized Human Creatine Kinase MM Isoenzyme

Gene ID: 1158

Source: Human Skeletal Muscle

Formulation: Lyophilized 40 mM Tris-Cl Buffer + 1 mM EDTA + 10 mM NaCl

Purity: 100% CKMM, no CKMB or CKBB detected.

Endotoxin Level: < 0.1 ng/µg of protein.

Biological Activity: >100 u/mg @ 37C

Storage & Stability: Store at -20°C. Stable for 1 year. **Avoid repeated freeze-thaw cycles.**

Background: Human Creatine Kinase (CK) enzyme consists of two subunits, which can be either B (brain type) or M (muscle type). Three different isoenzymes: CK MM, CK BB, and CK MB exist. Human CK isoenzymes are formed when the total human CK level is elevated. Human CK MM isoenzyme is normally responsible for almost all human CK enzyme activity in healthy people. When human CK MM isoenzyme is elevated, this usually indicates injury or stress to skeletal muscle. Human CK Isoenzyme testing can help differentiate the source of the damaged tissue.

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