

CKM

Native Human Creatine Kinase-MM Isozyme Active, Skeletal Muscle

Catalog No.	CSI13577	Quantity:	1.0 mg
Alternate Names:	Creatine kinase M-type, CK-MM protein, Creatine Kinase-MM Isoenzyme Protein		
Description:	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, 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.		
UniProt ID:	P06732		
Source:	Human skeletal muscle		
Concentration:	≥ 1.0 mg/ml by modified Lowry, lot specific		
Specific Activity:	≥ 500 IU/mg, lot specific		
Formulation:	10 mM Tris, pH 7.5 containing 1mM EDTA and 5mM B-mercaptoethanol		
Purity:	≥ 95% by SDS-PAGE, High Purity		
Storage & Stability:	Store at 2-8°C for shipping and short term storage. Upon receipt, store at -20°C to -80°C for long term storage. Avoid repeated freeze/thaw cycles.		
Non-Infectious Disease Certification:	Donor serum or tissue was found to be Non-reactive/negative for HIV-1/HCV/HBV by NAT; Syphilis, HBcAg, HBsAg, HCV Ab, HIV-1&2 Ab and RPR by currently approved FDA methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at Bio-Safety Level 2 (BSL 2) as recommended for potentially infectious human serum or blood specimen in the CCD/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 2009.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

