

Product Datasheet

Name: Recombinant Human Creatine Kinase MB Protein

Description: Recombinant Human CK-MB Protein is a heterodimeric composed of two subunits: CK-M subunit, and CK-B subunit.

Catalog No.	Unit	Usage	Buffer
bs-41114P	mg	Antigen	20mM Tris-HCl+150mM NaCl

Host: E.coli

Range: CKM(1-381aa) & CKB(1-381aa), with His-tag at the N-terminus

MW: 44.4kD&45.7kD

Format: Liquid

Concentration: ≥0.5mg/ml

Purification: ≥90% (SDS-PAGE)

Application: Recommended for sandwich immunoassays in ELISA and CLIA. Each laboratory should determine an optimum working titer for use in its particular application.

Storage: Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: 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, CK-BB and CK-MB. Clinically, creatine kinase is assayed in blood tests as a marker of damage of CK-rich tissue such as in myocardial infarction (heart attack), rhabdomyolysis (severe muscle breakdown), muscular dystrophy, autoimmune myositides, and acute kidney injury.

Note: This product as supplied is intended for research or further manufacturing use only.