

## Product Datasheet

**Name:** Recombinant Human Creatine Kinase MM Protein

**Description:** Recombinant Human Creatine Kinase MM is produced by E.coli expression system and the target gene is expressed.

Catalog No.	Unit	Usage	Buffer
bs-41113P	mg	Antigen	20mM Tris-HCl+150mM NaCl

**Host:** E.coli

**Range:** Human Creatine Kinase M Protein (full length, 1-381aa)

**MW:** 43kD

**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:** Store at -20 °C for one year. 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.