

## Native Human Creatine Kinase MM

Cat. No. NATE-1883

Lot. No. (See product label)

### Introduction

**Description** Human CK-MM isoenzyme also known as human CPK-3 isoenzyme is normally responsible for almost all human CPK enzyme activity in healthy people. When human (CK-MM) CKMM isoenzyme is elevated, this usually indicates injury or stress to skeletal muscle.

**Synonyms** CKM; creatine kinase, muscle; CKMM; creatine kinase M-type; creatine kinase-M; creatine kinase M chain; CK-MM

### Product Information

**Species** Human

**Source** Human Skeletal Muscle

**Appearance** White to off-white powder

**Form** Lyophilized from tris chloride, EDTA and DTT, pH 7.5.

**EC Number** EC 2.7.3.2

**CAS No.** 9001-15-4

**Purity** CK-MM: > 99% CK-MB: < 1% CK-BB: < 1%

**Activity** > 100 U/mg

**Specific Activity** > 500 U/mg protein

**Contaminants** LDH: < 0.01% AST/GOT: < 0.01%

**Unit Definition** One unit will catalyze the transphosphorylation of one micromole of phosphate from creatine phosphate to ADP per minute at 37°C.

### Storage and Shipping Information

**Storage** Store at -20° C

**Stability** 3 years