



# Human Creatine Kinase MM Isoenzyme (DAG-WT718)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Conjugate	N/A
Applications	N/A
Format	Lyophilized
Size	100 units
Buffer	Lyophilized from 40 mM Tris-Cl, 1 mM EDTA, 10 mM N-Acetyl Cysteine, pH 7.5
Preservative	None
Storage	Store at -20°C

## BACKGROUND

Introduction	The protein encoded by this gene is a cytoplasmic enzyme involved in energy homeostasis and is an important serum marker for myocardial infarction. The encoded protein reversibly catalyzes the transfer of phosphate between ATP and various phosphogens such as creatine phosphate. It acts as a homodimer in striated muscle as well as in other tissues, and as a heterodimer with a similar brain isozyme in heart. The encoded protein is a member of the ATP:guanido phosphotransferase protein family
Keywords	Creatine kinase MM; CKMM