



# Human type 2 Creatine Kinase MB (DAG277)

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

## PRODUCT INFORMATION

Species	Human
Conjugate	Unconjugated
Applications	ELISA
Molecular Weight	47 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	20mM Tris-HCl, 1mM DTT, 1mM EDTA, pH 6.8 + 0.5
Preservative	None
Storage	2-8°C short term, -20°C long term

## BACKGROUND

Introduction	Creatine Kinase MB consists of a dimer of nonidentical chains. With MM being the major form in skeletal muscle and myocardium, MB existing in myocardium, and BB existing in many tissues, especially brain. Creatine Kinase MB reversibly catalyses the transfer of phosphate between ATP and various phosphogens. The creatine kinase isoenzymes play a central role in energy transduction in tissues with large fluctuating energy demands such as skeletal muscle, heart, brain and spermatozoa.
Keywords	CKB; creatine kinase, brain; CKBB; creatine kinase B-type; creatine kinase-B; creatine kinase B chain; B-CK