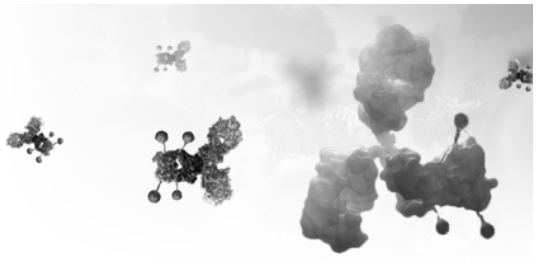

Human type 1 Creatine Kinase MB (DAG280)

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

PRODUCT INFORMATION

Species	Human
Conjugate	Unconjugated
Applications	ELISA, WB
Molecular Weight	44 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	0.02MPotassium phosphate, 1mM DTT, 50% glycerol, pH 5.0 to 7.0
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	CreatineKinase MB consists of a dimer of nonidentical chains. With MM being the majorform in skeletal muscle and myocardium, MB existing in myocardium, and BBexisting in many tissues, especially brain. Creatine Kinase MB reversiblycatalyses the transfer of phosphate between ATP and various phosphogens. Thecreatine kinase isoenzymes play a central role in energy transduction intissues 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

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