



## Recombinant CKMB antigen (92.5%) (DAGA-837)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	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 reversibllycatalyses the transfer of phosphate between ATP and various phosphogens. Thecreatinine kinase isoenzymes play a central role in energy transduction intissues with large fluctuating energy demands such as skeletal muscle, heart,brain and spermatozoa.
<b>Purity</b>	92.5% by SDS-PAGE
<b>Conjugate</b>	TBD
<b>Molecular Weight</b>	43 kD
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Buffer</b>	50 mM Tris-HCl, 5 mM $\beta$ -ME, 1.0 mM EDTA, 5 mM C4H4Na2O4, pH 8.0, 50% glycerol
<b>Preservative</b>	None
<b>Storage</b>	-20°C to -80°C avoiding multiple freeze thaw cycles.

### BACKGROUND

<b>Keywords</b>	CKB;creatinine kinase;brain;CKBB;creatinine kinase B-type;creatinine kinase-B;creatinine kinase B chain;B-CK
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