



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

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

PRODUCT INFORMATION

Antigen Description	CreatineKinase 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.
Purity	92.5% by SDS-PAGE
Conjugate	TBD
Molecular Weight	43 kD
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Buffer	50 mM Tris-HCl, 5 mM β -ME, 1.0 mM EDTA, 5 mM C ₄ H ₄ Na ₂ O ₄ , pH 8.0, 50% glycerol
Preservative	None
Storage	-20°C to -80°C avoiding multiple freeze thaw cycles.

BACKGROUND

Keywords	CKB; creatine kinase; brain; CKBB; creatine kinase B-type; creatine kinase-B; creatine kinase B chain; B-CK
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