



Recombinant Human CKMM [His] (DAG-WT2218)

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

PRODUCT INFORMATION

Species	Human
Purity	> 95% as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	44.1 kDa
Format	Liquid
Size	50 µg, 500 µg, 1 mg
Buffer	20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH7.5
Preservative	None
Storage	Store at -20°C

BACKGROUND

Introduction	<p>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 (Probable). Acts as a key regulator of adaptive thermogenesis as part of the futile creatine cycle: localizes to the mitochondria of thermogenic fat cells and acts by mediating phosphorylation of creatine to initiate a futile cycle of creatine phosphorylation and dephosphorylation.</p>
Keywords	CKMM; Creatine kinase MM

GENE INFORMATION

UniProt ID	AAP35439.1
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