



# Recombinant Human CKBB [His] (DAG-WT2211)

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	44.8 kDa
Format	Liquid
Size	50 µg, 500 µg, 1 mg
Buffer	20mM Tris, 150mM NaCl, 10% Glycerol, pH7.5
Preservative	None
Storage	Store at -20°C

## BACKGROUND

Introduction	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.
Keywords	CKBB; Creatine kinase B-type; CKB

# GENE INFORMATION

UniProt ID

P12277

---