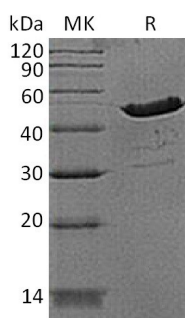


概述 (Summary)

英文全称	Creatine Kinase BB/CKB/B-CK
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/ μ g as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Creatine kinase B-type is produced by our E.coli expression system and the target gene encoding Met1-Lys381 is expressed with a 6His tag at the N-terminus.
Accession #	P12277
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	44.8 KDa
蛋白形态 (Form)	Supplied as a 0.2 μ m filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Store at $\leq -70^{\circ}\text{C}$, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

Product Name: Recombinant Human CKB (N-6His)
Catalog #: PEH1936



分子别名 (Alternative Names)

B-CK; CKB; Creatine Kinase BB

背景介绍 (References)

Creatine kinase B-type (CKB) belongs to the ATP:guanido phosphotransferase family. It has dimer of identical or non-identical chains with MM being the major form in skeletal muscle and myocardium. MB exists in myocardium, and BB exists in many tissues, especially brain. CKB reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate). 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. Clinically, creatine kinase is assayed in blood tests as a marker of myocardial infarction (heart attack), rhabdomyolysis (severe muscle breakdown), muscular dystrophy, autoimmune myositides and acute renal failure.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.