

## CKB, CKM

### Recombinant Human Creatine Kinase MB Isoenzyme Active

<b>Catalog No.</b>	CSI14132A CSI14132B	<b>Quantity:</b>	250 µg 1.0 mg
<b>Alternate Names:</b>	B-CK, CKBB, CKB, CKMM, M-CK, CKM, CKBM, BM-CK		
<b>GeneID:</b>	1152, 1158		
<b>Description:</b>	Recombinant human full length Human Creatine Kinase MB has amino acid sequence exactly the same as the native enzyme and is in the enzymatically active form. It is a dimeric protein comprised of the M and B subunits.		
<b>Concentration:</b>	> 5 mg/ml		
<b>Source:</b>	<i>Pichia pastoris</i>		
<b>Molecular Weight:</b>	47 kDa		
<b>Formulation:</b>	Liquid in Tris, pH 6.3-7.2 + 50% glycerol		
<b>Purity:</b>	> 90% as determined by capillary electrophoresis. Purified under non-denaturing conditions.		
<b>Endotoxin Level:</b>	< 0.1 ng/µg of protein.		
<b>Specific Activity:</b>	Typically > 400 u/ml at 37°C. One unit will transfer one µmole of phosphate from Creatine Phosphate to ADP per minute at 37°C. Measured at 340 nm as one equimolar amount of NADH produced by a coupled reaction.		
<b>Storage &amp; Stability:</b>	Store at -80°C. Stable for 1 year at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

