

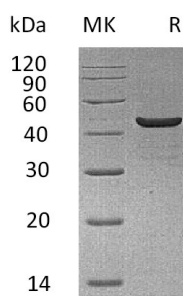
**Product Name: Recombinant Human CKMM (C-6His)**  
**Catalog #: PHH0452**



## Summary

<b>Name</b>	Creatine Kinase MM/CKMM/CKM/creatine kinase, muscle
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Creatine Kinase, Muscle is produced by our Mammalian expression system and the target gene encoding Met1-Lys381 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	AAP35439.1
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	44.1 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of PBS, 5% Sucrose, 10% Glycerol, 0.02% Tween80, pH7.4.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	

## SDS-PAGE image



## Background

**Alternative Names** Creatine kinase M-type; Creatine kinase M chain; M-CK; CKM; CKMM

**Background** Creatine kinase M-type is also known as Creatine kinase M chain, M-CK. It is a protein that in humans is encoded by the CKM gene. It belongs to the ATP:guanido phosphotransferase family, containing 1 phosphagen kinase C-terminal domain and

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1 phosphagen kinase N-terminal domain. Creatine kinase M-type can reversibly catalyzes the transfer of phosphate between ATP and various phosphagens. It plays a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa.

**Note**

For Research Use Only , Not for Diagnostic Use.