

Creatine Kinase MM (CK-MM) >95% Pure Active Protein | CKM active protein

Human Creatine Kinase-MM

CATALOG # AAA58215	HOST Human heart
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PRODUCT SYNONYMS

Creatine Kinase MM (CK-MM) >95% Pure; Human Creatine Kinase-MM; Purified Creatine Kinase MM (CKMM) isoenzyme fraction; CKM active protein

PRODUCT SPECIFICATIONS

Host	Human heart
Purity/Purification	1 CK band by agarose gel isoenzyme electrophoresis. Molecular weight of the MM fraction is unknown.
Form/Format	Purified, Lyophilized.
Concentration	0.32 mg/mL protein/vial(Coomasie)(prior to lyophilization). (varies by lot)
Sequence Length	381
Activity	Minimum 100 U/vial @37°C (measured on Dimension) Measured at 340 nm as one equimolar amount of NADH produced by coupled reaction.
Specific Activity	530 Units/mg protein. One unit will transfer one micromole of phosphate from creatine phosphate to ADP per minute at 37°C.
Inactivation	Not applicable
Buffer	Lyophilized from 40mM Tris-Cl, 1mM EDTA, 10mM N-Acetyl cysteine, pH 7.5
Preservative	No
Preparation and Storage	Store at -20°C . Avoid multiple freeze/thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for CKM active protein	Purified Cardiac Markers
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NCBI AND UNIPROT INFORMATION

NCBI GI #	180588
NCBI GeneID	1158
UniProt Accession #	P06732; Q96QL9
NCBI Official Full Name	creatine kinase
NCBI Official Synonym Full Names	creatine kinase, muscle
NCBI Official Symbol	CKM
NCBI Official Synonym Symbols	CKMM; M-CK
NCBI Protein Information	creatine kinase M-type; creatine kinase-M; creatine kinase M chain
UniProt Protein Name	Creatine kinase M-type

UniProt Gene Name	CKM
UniProt Synonym Gene Names	CKMM
UniProt Entry Name	KCRM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-heart-active-protein/creatine-kinase-mm-ck-mm-95-pure/58215>