

Creatine Kinase MB Active Protein | CKM active protein

Creatine Kinase MB (CK-MB), Human Heart

CATALOG #
AAA44790

PRODUCT SYNONYMS

Creatine Kinase MB; Creatine Kinase MB (CK-MB); Human Heart; CKMB; CK MB; CKB; CKM active protein

PRODUCT SPECIFICATIONS

Purity/Purification	>= 98% (SDS-PAGE)
Sequence Length	381
Source	Human Heart
Formulation	Solution in 5 mM sodium succinate, 10 mM sodium chloride, 1 mM EDTA, 5 mM beta-mercaptoethanol in 50% glycerol, pH 7.0
Appearance	Clear,colorless solution
Protein	1.41 mg/mL (coomassie)
Activity	1,200 U/mL (Dimension ^R Clinical System)
Unit Definition	One unit will catalyze the transphorylation of one micromoleof phosphate from ccreateine phosphate to ADP per minute at 37°C.
Specific Activity	850 U/mg protein
Electrophoresis	> = 99% CK-MB
E.C. Number	2.7.3.2
Handling	Handle as a potentially hazardous substance. If small volume , microfuge vial before drawing from container.
CAS Number	9001-15-4
Preparation and Storage	At -20 degree C Store Note:2-8° Short-term

ADDITIONAL INFORMATION

Product Categories/Family for CKM active protein	Proteins; Antigens; Enzymes; Standards/controls; Native Proteins; Immunogen; Creatine Kinase Mb (ck-mb)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21536288
NCBI GeneID	1158
NCBI Accession #	NP_001815.2
NCBI GenBank Nucleotide #	NM_001824.4
Molecular Weight	84,000

NCBI Official Full Name	creatine kinase M-type
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 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://www.aaabiotech.com/active-protein/creatine-kinase-mb/44790>