

CKMB recombinant protein

CKMB protein

CATALOG # AAA75420	HOST Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

CKMB; CKMB protein; Creatine Kinase-MB Isoenzyme Protein; CK-MB protein; CKMB recombinant protein

PRODUCT SPECIFICATIONS

Host	Human
Purity/Purification	> 99% pure
Form/Format	Supplied in 20mM Tris-HCL, pH 6.8, with 50% glycerol, 1mM DTT and 1mM EDTA. MW= ~47kDa.
Concentration	Protein: 10.9mg/mL Specific Activity: 809 U/mg (varies by lot)
Sequence Length	381
Applicable Applications for CKMB recombinant protein	ELISA
Protein Type	Recombinant
Biological Significance	Creatine kinase (CK), is an enzyme expressed by various tissues and cell types. CK catalyses the conversion of creatine and consumes adenosine triphosphate (ATP) to create phosphocreatine and adenosine diphosphate (ADP). In the cells, the "cytosolic" CK enzymes consist of two subunits, which can be either B (brain type) or M (muscle type). There are, therefore, three different isoenzymes: CK-MM, C kB and CK-MB.
Expression System	Pichia pastoris
Contaminants	Not determined. SDS-PAGE demonstrates a doublet band migrating at ~ 47 kDa.
Biohazard	Not hazardous. Use normal laboratory precautions and procedures when handling.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Aliquot and store at -70°C or lower. Avoid repeated freeze/thaw cycles

ADDITIONAL INFORMATION

Related Product Information for CKMB recombinant protein	Purified recombinant CKMB protein
Product Categories/Family for CKMB recombinant protein	Cardiac Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	21536288
NCBI GeneID	1158
NCBI Accession #	NP_001815.2
NCBI GenBank Nucleotide #	NM_001824.4

UniProt Accession #	P06732; Q96QL9
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ckm-recombinant-protein-human-elisa/75420>