

Creatine Kinase Active Protein | CKM active protein

Purified native Porcine Creatine Kinase protein

CATALOG #
AAA224710

HOST
Porcine heart

PRODUCT SYNONYMS

Creatine Kinase; Purified native Porcine Creatine Kinase protein; Creatine Kinase protein (Porcine); CKM active protein

PRODUCT SPECIFICATIONS

Host	Porcine heart
Form/Format	Lyophilized from tris acetate, DTT, and EDTA, pH 7.0. Reconstitute to ≥ 1 mg/ml in tris buffered saline, 1mM DTT, 1% BSA, pH 8.0.
Concentration	Activity: 650 U/mg (Dimension® Clinical Chemistry System) Protein: 0.71 mg protein/mg solid (Coomassie) Specific Activity: 910 U/mg protein (varies by lot)
Sequence Length	381
Source Note	Porcine Heart
Contaminants	GOT/AST $\leq 1.0\%$ ALP $\leq 0.01\%$ GPT/ALT $\leq 0.01\%$ LDH $\leq 0.01\%$ Ammonia ≤ 0.01 micromole/mg
Note	Unit definition: One unit catalyzes the transphosphorylation of one micromole of phosphate from creatine phosphate to ADP per minute at 37°C.
Preparation and Storage	Upon receipt store at -20°C

ADDITIONAL INFORMATION

Product Categories/Family for CKM active protein	Proteases; Inhibitors; & Enzymes
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NCBI AND UNIPROT INFORMATION

NCBI GI #	180588
NCBI Official Full Name	creatine kinase
UniProt Protein Name	Creatine kinase M-type
UniProt Gene Name	CKM
UniProt Synonym Gene Names	CKMM

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.