

Creatine Kinase Muscle Human

Item Number rAP-0903

Synonyms Creatine kinase M-type, EC 2.7.3.2, Creatine kinase M chain, M-CK, CKM, CKMM.

Description Human CKM produced in Human Cardiac Tissues having a molecular mass of 82 kDa and PI 5.0-7.5. It's the skeletal muscle specific creatine kinase and is elevated in case of strenuous exercise and in degenerative muscle disease.

Uniprot Accesion Number P06732

Amino Acid Sequence

Source Human Cardiac Tissues

Physical Appearance and Stability Sterile Filtered clear solution. CKM although stable at 14°C for 1 week, should be stored at 2°-8°C.

Formulation and Purity The CKM protein solution is in 50mM Tris and 2mM DTT, pH 7.5 containing 50% Glycerol. Greater than 50.0%.

Application

Solubility

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**