Creatine Kinase MB Isoenzyme Type-1 Active Protein | CKMB active protein

Recombinant Human Creatine Kinase MB Isoenzyme Type-1

CATALOG #	HOST
AAA38099	**Pichia Pastoris**

PRODUCT SYNONYMS

Creatine Kinase MB Isoenzyme Type-1; Recombinant Human Creatine Kinase MB Isoenzyme Type-1; CKMBITI Human; Creatine Kinase MB Isoenzyme Type-I Human Recombinant; Creatine Kinase MB Isoenzyme Type-I; CKMBITI; CKMBI; CKMB; CKMB Type-1; CKMB active protein

PRODUCT SPECIFICATIONS

Host	Pichia Pastoris
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The protein solution contains 0.02M Potassium Phosphate, 1mM DTT and 50% glycerol, pH 5.0-6.0. Sterile Filtered colorless liquid formulation.
Biological Activity	1,384 IU/mg at 37 degree C.
Preparation and Storage	CKMBITI although stable at 15 degree C for 7 days, should be stored below -18 degree C.Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for CKMB active protein	**Description:** CKMBITI Human Recombinant produced in Pichia Pastoris is a glycosylated polypeptide chain and a full length Creatine Kinase MB isoenzyme, which is missing the C-terminal Lysine on the M subunit. CKMBITI is a dimeric protein comprised of M and B subunits, having a total Mw of ~44kDa. The CKMBITI is purified by proprietary chromatographic techniques. **Introduction:** The three isoenzymes (MM, MB, and BB) are found in muscle, cardiac and brain tissues. These recombinant proteins are ideal for calibrating instruments and researching neuromuscular diseases. Creatine Kinases can be used for indications in many neuromuscular applications. These disorders include cardiac disease, mitochondrial disorders, inflammatory myopathies, myasthenia, polymyositis, McArdle's disease, NMJ disorders, muscular dystrophy, ALS, hypo and hyperthyroid disorders, central core disease, acid maltase deficiency, myoglobinuria, rhabdomyolysis, motor neuron diseases, rheumatic diseases, and other that create elevated or reduced levels of Creatine Kinases.
Product Categories/Family for CKMB active protein	Protein Kinases; Enzymes; Creatin Kinases

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/pichia-pastoris-ckmb-active-protein/creatine-kinase-mb-isoenzyme-type-1/38099