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32-2984: CKMB Type-1 Recombinant Protein

Alternative Name : Creatine Kinase MB Isoenzyme Type-I,CKMBITI,CKMBI,CKMB.

Description

Source : Pichia Pastoris. 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. The three isoenzymes (MM, MB, and BB) are found in muscle, cardiac and brain tissues. These recombinant proteins are ideal for calibrating diagnostic 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 Info

Amount :	50 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	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.
Storage condition :	CKMBITI although stable at 15°C for 7 days, should be stored below -18°C.Please prevent freeze-thaw cycles.

Application Note

486 IU/mg at 37°C.