



Catalog Number: PR27178

Product Type: Recombinant Protein

Source: Pichia Pastoris

Synonyms: Creatine kinase B-type, EC 2.7.3.2, Creatine kinase B chain, B-CK, CKB, CKBB, CKBBI.

Description/Molecular Mass: CKBB Human Recombinant produced in Pichia Pastoris is a glycosylated polypeptide chain having an identical amino acid sequence compared to the native enzyme, purified under non-denaturing conditions and reacts with polyclonal antibodies to BB Isoenzyme in ELISA. The CKBB is purified by proprietary chromatographic techniques.

Biological Activity: The biological activity measured by the enzymatic activity of Creatine phosphokinase procedure No.45-UV, 1IU-1 μ mole creatine phosphate was 854 IU/mg at 37 degrees celsius corresponding to a Specific Activity of 1,171ng/ml.

Purity: Greater than 95.0% as determined by
(a) Analysis by RP-HPLC.
(b) Analysis by SDS-PAGE.

Format: CKBB Human contains 10Mm Bis-Tris-HCl pH-6.0, 50% glycerol, 0.5mM EDTA and 0.5mM DTT.

Storage: CKBB should be stored below -18°C.
Please prevent freeze-thaw cycles.

FOR RESEARCH USE ONLY

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