

Human CKB Recombinant Protein



RPPB2479

Product Information Protein Information

Product SKU:

RPPB2479

Accession:

P12277

Host:

Pichia Pastoris.

Protein description:

CKBB Human Recombinant produced in Pichia Pastoris is a dimeric glycosylated full length polypeptide chain comprised of 2 identical B subunits and having an identical amino acid sequence compared to the native enzyme, purified under non-denaturing conditions and having a Mw of 47kDa The CKBB is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colourless liquid formulation.

Synonyms:

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

Formulation:

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

Purity:

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

Stability:

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

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.