

## Creatine Kinase Brain Human Recombinant, Pichia

<b>Item Number</b>	rAP-0898
<b>Synonyms</b>	Creatine kinase B-type, EC 2.7.3.2, Creatine kinase B chain, B-CK, CKB, CKBB, CKBBI.
<b>Description</b>	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 chro-
<b>Uniprot Accession Number</b>	P12277
<b>Amino Acid Sequence</b>	
<b>Source</b>	Pichia Pastoris.
<b>Physical Appearance and Stability</b>	Sterile Filtered colourless liquid formulation. CKBB should be stored below -18°C. Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	CKBB Human contains 10Mm Bis-Tris-HCl pH-6.0, 50% glycerol, 0.5mM EDTA and 0.5mM DTT. Greater than 95.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	The biological activity measured by the enzymatic activity of Creatine phosphokinase procedure No.45-UV, 1IU-1 µmole creatine phosphate was 854 IU/mg at 37 degrees celsius corresponding to a Specific Activity of 1,171ng/ml.
<b>Shipping Format and Condition</b>	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 ender users! This product is sold for **Research Use Only**