

## Creatine Kinase Brain Human Recombinant

<b>Item Number</b>	rAP-1708
<b>Synonyms</b>	Creatine kinase B-type, B-CK, BCK, CKBB, HEL-211, HEL-S-29, CKB, EC 2.7.3.2, Creatine kinase B chain, CKB, CKBB, CKBBI.
<b>Description</b>	CKB Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 381 amino acids (1-381a.a) and having a molecular mass of 42.6kDa. CKB is purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P12277
<b>Amino Acid Sequence</b>	MPFSNSHNAL KLRFPAEDEF PDLSAHNNHM AKVLTPELYA ELRAKSTPSG FTLDVVIQTG VDNPGHPYIM TVGCVAGDEE SYEVFKDLFD PIIEDRHGGY KPSDEHKTDL NPDNLQGGDD LDPNYVLSSR VRTGRSIRGF CLPPHCSRGE RRAIEKLAVE ALSSLDGDLA GRYYALKSMT EAEQQQLIDD HFLFDKPVSP LLLASGMARD WPDARGIWHN DNKTLVWVN EEDHLRVISM QKGGNMKEVF TRFCTGLTQI ETLFKSKDYE FMWNPHLGYI LTCPSNLGTG LRAGVHIKLP NLGKHEKF- SE VLKRLRLQKR GTGGVDAAV GGVFDVSNAD RLG FSEVELV QMVVDGVKLL IEMEQRLEQG QAID- DLMPAQ K.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	CKB solution (1mg/ml) contains 20mM Tris-Hcl Buffer (pH 8.0), 10% glycerol and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<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**