

Creatine Kinase BB (CK-BB) Recombinant Active Protein | CKB active protein

CK-BB, Recombinant

CATALOG # AAA58337	HOST Pichia pastoris	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Creatine Kinase BB (CK-BB) Recombinant; CK-BB; Recombinant; Creatine Kinase BB (CK-BB) Isoenzyme Recombinant; CKB active protein

PRODUCT SPECIFICATIONS

Host	Pichia pastoris
Specificity	Creatine Kinase BB (CK-BB) Recombinant
Purity/Purification	>95% pure (SDS-PAGE). Purified under non-denaturing conditions.
Form/Format	Purified, Liquid
Concentration	3.0mg/ml (Coomassie Plus) (varies by lot)
Sequence Length	381
Applicable Applications for CKB active protein	ELISA
Inactivation	Not applicable
Activity	1,922 IU/mg (Sigma CPK Procedure No 45). One unit will transfer one micromole of phosphate from creatine phosphate to ADP per minute at 37 degree C. Measured at 340nm as one equimolar amount of NADH produced by coupled reaction.
Buffer	10mM Bis-Tris-HCl, 0.5mM DTT, 0.5mM EDTA, 50% glycerol, pH 6.0
Preservative	No
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -70 degree C or below. Aliquot to avoid multiple freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for CKB active protein	Full length Creatine Kinase BB isoenzyme with amino acid sequence identical to the native enzyme. CK-BB is a 47 kDa dimeric protein comprised of 2 identical B subunits. Purified in the enzymatically active form. Reacts with polyclonal antibodies to BB isoenzyme in ELISA.
Product Categories/Family for CKB active protein	Purified Cardiac Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	125294
NCBI GeneID	1152
UniProt Accession #	P12277 ; Q2LE07 ; Q6FG40 ; Q9UC66 ; A8K236 ; B2R5R4

Molecular Weight	42,644 Da
NCBI Official Full Name	Creatine kinase B-type
NCBI Official Synonym Full Names	creatine kinase, brain
NCBI Official Symbol	CKB
NCBI Official Synonym Symbols	B-CK; CKBB
NCBI Protein Information	creatine kinase B-type; creatine kinase-B; creatine kinase B chain
UniProt Protein Name	Creatine kinase B-type
UniProt Gene Name	CKB
UniProt Synonym Gene Names	CKBB
UniProt Entry Name	KCRB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pichia-pastoris-active-protein/creatine-kinase-bb-ck-bb-recombinant/58337>