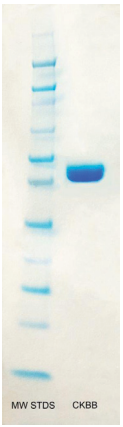
Aalto Scientific, Ltd.

Creatine Kinase BB (CKBB)

Source:	Human Brain
Form:	Lyophilized
Reconstitution:	Deionized Water
Concentration:	≥50 IU/mL
Purity:	Immunopure is ≥ 95% by SDS Page
Assay:	Assay performed on Roche Cobas c501
Storage:	2-8°C
Molecular Weight:	81000-84000 kDa
Appearance:	White powder



Creatine Kinase BB (CKBB) is composed of two homodimers that make CK a dimeric enzyme. CKBB is found primarily in brain tissue and serves as a catalyst for the formation of ATP from phosphocreatine and ADP when ATP is needed. It can be a very useful tool in the diagnosis and prognosis of brain pathologies such as various forms of cancer and neurodegenerative diseases (Alzheimer's disease). Other forms of cancer have also resulted in clinically significant levels of elevated CKBB in serum. Examples include small cell lung cancer and ovarian cancer.

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