

Recombinant Human CK-MB Protein

Cat. Number:	bs-41210P
Quantity size:	100µg/500µg
Description:	The CK-MB is a heterodimeric composed of two subunits: CK-M subunit, and CK-B subunit. The predicted molecular weight is 85kD.
Host:	<i>E.coli</i>
Range:	CKM(1-381aa) & CKB(2-381aa)
Format:	Liquid.
Concentration:	1.3mg/ml,
Buffer:	PBS (pH7.4)
Purity:	≥90%(SDS-PAGE)
MW:	85kD

Background:

The Creatine Kinase MB (CK-MB) isoenzyme is predominantly found in the myocardium (heart muscle). Following a heart attack (myocardial infarction), damaged cells release CK-MB into the blood; these elevated CK levels can be seen 4-8 hours post-infarction and remain elevated for a few days. This makes creatine kinase a useful biomarker for assessing damage to CK-rich tissues, as in cases of rhabdomyolysis (severe muscle breakdown), acute kidney injury, and heart attack.

Storage: Store at -20°C (Avoid repeated freeze/thaw cycles).

Important Note: This product as supplied is intended for research or further manufacturing use only