

CK MB Recombination Protein

Basic information:

Catalog No.:	UDP9092-1	Source:	Human
Expression Host:	<i>Escherichia coli</i>	Type:	Recombinant protein
Purity:	> 90 % as determined by SDS-PAGE		

Useful Information:

Construction:

A DNA sequence encoding the CK MB Protein was expressed with His-tag in N terminus.

Molecular Mass:

The protein of CK MB consists of 380 amino acids.

Formulation:

Liquid in 10mM Hepes, 150mM NaCl, pH 7.4.

Biological Activity

N/A

Endotoxin:

N/A

Storage:

Recombinant proteins are provided as frozen liquid which are shipped with dry ice. Bulk packages can be provided as lyophilized powder which shipped with blue ice.

Reconstitution:

According to the application.

Description:

CK is released from muscle cells and is detectable in the blood whenever there is muscle damage. The small amount of CK that is normally in the blood is primarily CK-MM. CK-BB almost never gets into the blood, and CK-MB will typically only be present in significant amounts when the heart is damaged. A CK test measures the total level but does not distinguish between the three isoenzymes. When there is an increased amount of CK present in the blood, the CK-MB test can be used to determine whether it is due to heart damage or is more likely to be related to skeletal muscle injury.

Note:

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