

MB MB, Native Human Myoglobin

Catalog No. CSI14818A Quantity: 2.0 mg

CSI14818B 5.0 mg

Alternate Names: MGC13548, PVALB

Description: Myoglobin (MB) is a single-chain globular protein of 153 amino acids, containing a heme

group in the center around which the remaining apoprotein folds. It has eight alpha helices and a hydrophobic core. MB is the primary oxygen-carrying pigment found in skeletal and cardiac muscle cells. It is capable of reversibly binding molecular oxygen

and enhancing the rate of oxygen diffusion through the muscle cell.

Gene ID: 4151

Source: Human Heart Tissue

Molecular Weight: ~16.7 kDa

Formulation: Phosphate and NaCl buffer, pH 7.4

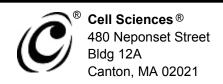
Purity: >99% by SDS PAGE

Specific Activity: Typically >1.0 mg/mL

Storage & Stability: Store at 2-4°C. 3 years.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

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