

MB

Native Human Myoglobin

Catalog No.	CSI14818A	Quantity:	1 mg
	CSI14818B		5 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.

