Datasheet for ABIN934431

Myoglobin Protein (MB)

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Overview

Quantity:	1 mg
Target:	Myoglobin (MB)
Origin:	Human
Source:	Human
Protein Type:	Native

Product Details

Characteristics:	Purified native Human Myoglobin protein (Cardiac) Protein Source: Human Cardiac Tissue
Purification:	Affinity chromatography
Purity:	> 98 % pure

Target Details

Target:	Myoglobin (MB)
Alternative Name:	Myoglobin (MB Products)
Background:	Myoglobin is an iron- and oxygen-binding protein found in the muscle tissue of vertebrates in general and in almost all mammals. It is related to hemoglobin, which is the iron- and oxygen-binding protein in blood, specifically in the red blood cells. The only time myoglobin is found in the bloodstream is when it is released following muscle injury. Description: Human Cardiac Tissue. Alternative Names: Heart Myoglobin protein

Target Details

Molecular Weight:	17 kDa
Pathways:	Brown Fat Cell Differentiation

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

Concentration:	0.5-2.0 mg/mL
Buffer:	Supplied in 50 % Glycerol, 150 mM NaCl, 10 mM Sodium Phosphate, 0.05 % NaN3, pH 7.0
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C for short term storage, -20 °C for long term storage, do not freeze at lower temperatures than -20 °C.