

Datasheet for ABIN667863
MB Protein (AA 1-154) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	MB
Protein Characteristics:	AA 1-154
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MB protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	MB, 1-154aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	MB
Abstract:	MB Products
Background:	Myoglobin, mitochondrial precursor, also known as MB, is a cytosolic oxygen-binding protein responsible for the storage and diffusion of oxygen within myocytes. Expression of myoglobin is highest in skeletal and cardiac muscle. MB may serve a variety of functions in muscular oxygen supply, such as oxygen storage, facilitated diffusion, and myoglobin-mediated oxidative phosphorylation. Recombinant human MB protein, fused to His-tag at N-terminus, was

Target Details

expressed in E.coli and purified by using conventional chromatography techniques. Synonyms:
Myoglobin, PVALB. NCBI no.: AAH14547

Molecular Weight: 19.3 kDa (174aa) confirmed by MALDI-TOF

Application Details

Restrictions: For Research Use only

Handling

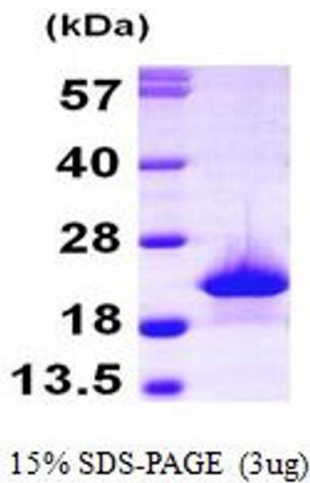
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl

Storage: 4 °C

Images



SDS-PAGE

Image 1.