9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Myoglobin His Human

Myoglobin His Human Recombinant
RCP1441

Product Overview

Name	Myoglobin His Human
Description	
Myoglobin His Human Recombinant	
Accession (Primary)	P02144
Synonyms	
PVALB, MGC13548.	
Introduction	
Myoglobin, mitochondrial precursor is a cytosolic oxygen-binding protein in charge of the storage and diffusion of oxygen within myocytes. The largest expression of MB is in the skeletal and cardiac muscle. MB operates in various functions in muscular oxygen supply, such as oxygen storage, facilitated diffusion, and myoglobin-mediated oxidative phosphorylation.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The MB protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 1mM DTT, 100mM NaCl and 20% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGLSDGEWQL VLNVWGKVEA DIPGHGQEVL IRLFKGHPET LEKFDKFKHL KSEDEMKASE DLKKHGATVL TALGGILKKK GHHEAEIKPL AQSHATKHKI PVKYLEFISE CIIQVLQSKH PGDFGADAQG AMNKALELFR KDMASNYKEL GFQG	
Precautions	

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Myoglobin His Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P02144)