

# Recombinant Human Myoglobin Protein

Cat. No. MB-1056H    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human myoglobin protein with a C-terminal histidine tag. Predicted molecular weight: 19 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Form</b>	Myoglobin is a single-chain globular protein, containing a heme prosthetic group in the center around which the remaining apoprotein folds. It is the primary oxygen-carrying pigment of muscle tissues. Myoglobin is a sensitive marker for muscle injury.
<b>Molecular Mass</b>	19 kDa
<b>Purity</b>	N/A
<b>Storage</b>	2-8 centigrade
<b>Concentration</b>	0.5 mg/ml when reconstituted with 200 µl of deionized water
<b>Storage Buffer</b>	50 mM Tris-HCl, pH 8.0; 150 mM NaCl; containing 3 % sucrose, 2 % D-mannitol and 0.01 % Tween 20 as stabilizers

## GENE INFORMATION

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<b>Gene Name</b>	MB myoglobin [ Homo sapiens ]
<b>Official Symbol</b>	MB
<b>Synonyms</b>	MB; myoglobin; PVALB; MGC13548;
<b>Gene ID</b>	4151
<b>mRNA Refseq</b>	NM_005368
<b>Protein Refseq</b>	NP_005359
<b>MIM</b>	160000
<b>UniProt ID</b>	P02144

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