

Recombinant Human Myoglobin Protein

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

SPECIFICATION

Product Overview	Recombinant Human myoglobin protein with a C-terminal histidine tag. Predicted molecular weight: 19 kDa.
Species	Human
Source	E.coli
Form	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.
Molecular Mass	19 kDa
Purity	N/A
Storage	2-8 centigrade
Concentration	0.5 mg/ml when reconstituted with 200 µl of deionized water
Storage Buffer	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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Gene Name	MB myoglobin [Homo sapiens]
Official Symbol	MB
Synonyms	MB; myoglobin; PVALB; MGC13548;
Gene ID	4151
mRNA Refseq	NM_005368
Protein Refseq	NP_005359
MIM	160000
UniProt ID	P02144

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