

Native Human Heart Myoglobin

Cat. No. MB-8226H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human Heart Myoglobin was purified from Human Heart.
Species	Human
Source	Human Heart
Description	Human Myoglobin is found in skeletal and cardiac muscle cells and is capable of reversibly binding molecular oxygen and enhancing the rate of oxygen diffusion through the muscle cell. Human Myoglobin is an oxygen carrier in the cytoplasm and appears to be responsible for the transport of oxygen from the cell membrane to the mitochondrion.
Form	Phosphate and sodium chloride buffer, pH 7.4
Molecular Mass	~ 16.7-17.7 kDa
Purity	>99% SDS-PAGE
Stability	3 years
Storage	2-8 °C

GENE INFORMATION

Gene Name	MB myoglobin [Homo sapiens]
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Official Symbol	MB
Synonyms	MB; myoglobin; PVALB; MGC13548;
Gene ID	4151
mRNA Refseq	NM_005368
Protein Refseq	NP_005359
MIM	160000
UniProt ID	P02144
Chromosome Location	22q13.1
Function	heme binding; metal ion binding; oxygen binding; oxygen transporter activity;

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