

Native Human MB

Cat. No. MB-30275TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full length native mature Myoglobin protein purified from Human heart tissue.
Species	Human
Description	This gene encodes a member of the globin superfamily and is expressed in skeletal and cardiac muscles. The encoded protein is a haemoprotein contributing to intracellular oxygen storage and transcellular facilitated diffusion of oxygen. At least three alternatively spliced transcript variants encoding the same protein have been reported.
Form	Liquid
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: 0.15M Sodium chloride, 0.05M Sodium phosphate, pH 7.5
Storage	Store at +4°C.
Sequence Similarities	Belongs to the globin family.

GENE INFORMATION

Gene Name	MB myoglobin [Homo sapiens]
Official Symbol	MB

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Synonyms	MB; myoglobin; PVALB;
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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