

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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