

Recombinant Human MB, His-tagged

Cat. No. MB-30278TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein (Human) MW 25 kDa, with an amino-terminal hexahistidine tag.
Species	Human
Source	E.coli
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.
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Belongs to the globin family.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Full Length
Full L.

GENE INFORMATION

Gene Name

MB myoglobin [Homo sapiens]

Official Symbol

MB

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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