

Native Bovine MB Protein

Cat. No. MB-02B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Bovine MB protein purified from bovine muscle. Isoelectric Point: 6.97 (Theoretical) Extinction Coefficient: 13,940 cm⁻¹M⁻¹ (Theoretical) E1%,280 = 8.23 (Theoretical)
Species	Bovine
Source	Skeletal muscle
Description	Myoglobin (Mb) is a small, globular protein primarily responsible for oxygen storage in cardiac and skeletal muscle. Mb is involved in the regulation of cellular oxygen tension in respiring tissues, and regulating the bioavailability of the signaling molecule, nitrous oxide (NO).
Form	Dialyzed, lyophilized powder
Molecular Mass	16.9 kDa (Theoretical)
Purity	≥ 90% SDS-PAGE
Applications	Protein folding studies Molecular weight marker Standard for mass spectroscopy ELISA

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

Storage	Store at 2-8 centigrade.
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GENE INFORMATION

Gene Name	MB myoglobin [Bos taurus (cattle)]
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Official Symbol	MB
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Synonyms	MB; myoglobin; GLNG; globin G
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Gene ID	280695
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mRNA Refseq	NM_173881
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Protein Refseq	NP_776306
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UniProt ID	P02192
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