

Native Bovine MB Protein

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

SPECIFICATION

Product Overview	<p>Native Bovine MB protein purified from bovine muscle.</p> <p>Isoelectric Point: 6.97 (Theoretical)</p> <p>Extinction Coefficient:</p> <p>13,940 cm⁻¹M⁻¹ (Theoretical)</p> <p>E1%,280 = 8.23 (Theoretical)</p>
Species	Bovine
Source	Skeletal muscle
Description	<p>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).</p>
Form	Dialyzed, lyophilized powder
Molecular Mass	16.9 kDa (Theoretical)
Purity	≥ 90% SDS-PAGE
Applications	<p>Protein folding studies</p> <p>Molecular weight marker</p> <p>Standard for mass spectroscopy</p> <p>ELISA</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage Store at 2-8 centigrade.

GENE INFORMATION

Gene Name MB myoglobin [*Bos taurus* (cattle)]

Official Symbol MB

Synonyms MB; myoglobin; GLNG; globin G

Gene ID 280695


mRNA Refseq NM_173881

Protein Refseq NP_776306

UniProt ID P02192

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