

Native Bovine MB Protein

Cat. No. MB-01B Lot. No. (See product label)

SPECIFICATION

Product Overview	<p>Native Bovine MB Protein 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	Muscle
Description	<p>Myoglobin is a small, globular protein that is responsible for oxygen storage in cardiac and skeletal muscle. It contains a single heme molecule and has a molecular weight of approximately 17 kDa.</p>
Form	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>

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 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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