

Native Mouse Myoglobin

Cat. No. Mb-8229M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse Myoglobin was purified from Mouse Heart.
Species	Mouse
Source	Mouse Heart
Description	Mouse Myoglobin is found in skeletal and cardiac muscle cells and is capable of reversibly binding molecular oxygen and enhancing the rate of oxygen diffusion through the muscle cell. Myoglobin is an oxygen carrier in the cytoplasm and appears to be responsible for the transport of oxygen from the cell membrane to the mitochondrion.
Form	Liquid in 50% Glycerol, 75 mM NaCl, 5 mM sodium phosphate, 0.05% NaN ₃
Molecular Mass	17 kDa
Purity	>90% by SDS-PAGE
Stability	2 years
Storage	-20 °C
Concentration	>0.2 mg/mL

GENE INFORMATION

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Gene Name	Mb myoglobin [Mus musculus]
Official Symbol	Mb
Synonyms	MB; myoglobin; AI325109;
Gene ID	17189
mRNA Refseq	NM_001164047
Protein Refseq	NP_001157519
Function	heme binding; iron ion binding; metal ion binding; oxygen binding; oxygen transporter activity;

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