

Native Rat Myoglobin

Cat. No. Mb-8232R Lot. No. (See product label)

SPECIFICATION

Product Overview	Rat Myoglobin was purified from Rat Heart.
Species	Rat
Source	Rat Heart
Description	RAT 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.
Molecular Mass	17 kDa
Purity	>95% by SDS-PAGE
Storage	-20 °C
Concentration	>0.5 mg/mL

GENE INFORMATION

Gene Name	Mb myoglobin [<i>Rattus norvegicus</i>]
Official Symbol	Mb

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Synonyms	MB; myoglobin;
Gene ID	59108
mRNA Refseq	NM_021588
Protein Refseq	NP_067599
Function	heme binding; metal ion binding; oxygen binding; oxygen transporter activity;

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