



## CERTIFICATE OF ANALYSIS

PRODUCT NAME:	Myoglobin Human recombinant
CAT. NO:	I431-11R
FORM:	Liquid. Bufferized solution (pH 7.4):
MOLECULAR WEIGHT:	17.5 kd
PROTEIN CONC:	Typically > 1mg/ml
PURITY:	Single major band visualized
SOURCE:	Recombinant
STORAGE:	-20C
SYNONYMS:	rMb, h-rMb, r-Myoglobin

Description: Human recombinant Myoglobin (Mb) is a cytosolic protein comprising 153 amino acid residues, found in skeletal and cardiac muscle but not in smooth muscle. It has been well known that Human recombinant Myoglobin (Mb) functions as an oxygen transporter capable of reversible oxygenation and deoxygenation.

Human recombinant Myoglobin (Mb): recombinant human myoglobin is assembled in E.coli as holo-form, which combines iron-porphyrin (heme) group during expressing the gene coding apo-protein in human heart muscle.

Human recombinant Myoglobin (Mb) Applications: Standard for ELISA ,

Standard for immunoblotting, High qualified antigen for antibody production