

# Human Recombinant Myoglobin

10/20

<b>CATALOG NO:</b>	P1607-10    10 µg P1607-50    50 µg
<b>ALTERNATE NAME:</b>	PVALB
<b>MOL. WT.</b>	19.3 kDa
<b>NCBI ACCESSION NO.</b>	NP_976312
<b>ACCESSION NO:</b>	P02144
<b>PURITY:</b>	≥ 90% by SDS-PAGE
<b>SOURCE:</b>	<i>E.coli</i>
<b>TAG:</b>	His-Tag
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 100 mM NaCl.
<b>AMINO ACID SEQUENCE:</b>	aa 1-154
<b>STORAGE CONDITIONS:</b>	Divide into small aliquots and store at -20 °C or -80 °C. Avoid repeated freeze-thaw cycles.

**DESCRIPTION:** Myoglobin is a globular haemoprotein that is primarily responsible for the storage and transport of oxygen in muscles. It is a member of the globin superfamily and is predominantly expressed in skeletal and cardiac muscles. It is released from damaged muscle tissue and from the myocardium during acute myocardial infarction. However, it has low specificity for myocardial infarction and therefore other clinical findings are also taken into consideration during diagnosis.

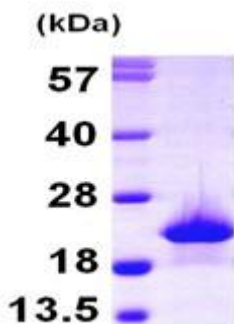


Fig A. 3 µg of human recombinant myoglobin protein was loaded on SDS-PAGE under reducing conditions and visualized by Coomassie blue stain

## RELATED PRODUCTS:

Creatine Kinase MT, Human Recombinant (Cat. No. P1578)  
 Human Recombinant Troponin T (Cat. No. P1608)  
 Human Recombinant LDHA (Cat. No. 6374)  
 D-Dimer, Human Plasma (Cat. No. P1434)  
 Human Recombinant CKMM (Cat. No. P1610)

**FOR RESEARCH USE ONLY! Not to be used on humans.**