

Myoglobin Protein, Human (His)

Cat. No.:	HY-P70243
Synonyms:	rHuMyoglobin, His; MB; MGC13548; Myoglobin; PVALB
Species:	Human
Source:	E. coli
Accession:	P02144 (M1-G154)
Gene ID:	4151
Molecular Weight:	Approximately 18.0 kDa

PROPERTIES

AA Sequence	<p>M G L S D G E W Q L V L N V W G K V E A D I P G H G Q E V L I R L F K G H P E T</p> <p>L E K F D K F K H L K S E D E M K A S E D L K K H G A T V L T A L G G I L K K K</p> <p>G H H E A E I K P L A Q S H A T K H K I P V K Y L E F I S E C I I Q V L Q S K H</p> <p>P G D F G A D A Q G A M N K A L E L F R K D M A S N Y K E L G F Q G</p>
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of 20 mM Tris-HCl, 200 mM NaCl, 1 mM DTT, 20% glycerol, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A
Storage & Stability	Stored at -80°C for 1 year from date of receipt. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice

DESCRIPTION

Background	Myoglobin, a member of the globin family, functions as a reserve supply of oxygen and plays a crucial role in facilitating the movement of oxygen within muscles.
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Caution: Product has not been fully validated for medical applications. For research use only.

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