

## Myoglobin His Human Recombinant

<b>Item Number</b>	rAP-3666
<b>Synonyms</b>	PVALB, MGC13548.
<b>Description</b>	MB produced in E.Coli is a single, non-glycosylated polypeptide chain containing 174 amino acids (1-154a.a.) and having a molecular mass of 19.3kDa.MB is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P02144
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGLSDGEWQL VLNWVGKVEA DIPGHGQEV LIRLFKGH PET LEKFDKFKHL KSEDEMKASE DLKKHGATVL TALGGILKKK GHHEAEIKPL AQSHATKHKI PVKYLEFISE CIIQVLQSKH PGDFGADAQG AMNKALELFR KDMASNYKEL GFQG
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Store at 4&deg;C if entire vial will be used within 2-4 weeks.&nbsp;&nbsp;&nbsp;Store, frozen at -20&deg;C for longer periods of time.Please avoid freeze thaw cycles.
<b>Formulation and Purity</b>	The MB protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0)1mM DTT, 100mM NaCl and 20% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**