

## Product datasheet for **SC207157**

### Myoglobin (MB) (NM\_005368) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Myoglobin (MB) (NM_005368) Human 3' UTR Clone
Symbol:	Myoglobin
Synonyms:	PVALB
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005368
Insert Size:	563 bp
Insert Sequence:	>SC207157 3'UTR clone of NM_005368 The sequence shown below is from the reference sequence of NM_005368. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACTACAAGGAGCTGGGCTTCCAGGGCTAGGCCCCTGCCGCTCCCACCCCCACCCATCTGGGCCCGGG
TTCAAGAGAGAGCGGGTCTGATCTCGTGTAGCCATATAGAGTTTGCTTCTGAGTGTCTGCTTTGTTTA
GTAGAGGTGGCAGGAGGAGCTGAGGGCTGGGGCTGGGGTGTGAAGTTGGCTTTGCATGCCAGCGA
TGCCTCCCTGTGGATGTCATCACCTGGGAACCGGGAGTGGCCCTTGCTCACTGTGTCTGCATG
GTTTGGATCTGAATTAATTGTCCTTTCTTCTAAATCCCAACCGAACTTCTCCAACCTCCAACTGGCT
GTAACCCCAAATCCAAGCATTAACTACACCTGACAGTAGCAATTGTCTGATTAATCACTGGCCCTTG
AAGACAGCAGAATGTCCCTTTGCAATGAGGAGGAGATCTGGGCTGGGCGGGCCAGCTGGGAAGCATTT
GACTATCTGGAAGTTGTGTGTCCTCCTCAGGTATGGCAGTGACTCACCTGGTTTTAATAAAACAACCT
GCAACATCTCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_005368.3</a>
<b>Summary:</b>	This gene encodes a member of the globin superfamily and is predominantly expressed in skeletal and cardiac muscles. The encoded protein forms a monomeric globular haemoprotein that is primarily responsible for the storage and facilitated transfer of oxygen from the cell membrane to the mitochondria. This protein also plays a role in regulating physiological levels of nitric oxide. Multiple transcript variants encoding distinct isoforms exist for this gene. [provided by RefSeq, May 2020]
<b>Locus ID:</b>	4151
<b>MW:</b>	19.9