

Product datasheet for SC207156

Myoglobin (MB) (NM_203378) Human 3' UTR Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | 3' UTR Clones |
| Product Name: | Myoglobin (MB) (NM_203378) Human 3' UTR Clone |
| Symbol: | Myoglobin |
| Synonyms: | PVALB |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_203378 |
| Insert Size: | 563 bp |
| Insert Sequence: | >SC207156 3'UTR clone of NM_203378 The sequence shown below is from the reference sequence of NM_203378. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site |

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACTACAAGGAGCTGGGCTTCCAGGGCTAGGCCCCTGCCGCTCCCACCCCCACCCATCTGGGCCCGGG
TTCAAGAGAGAGCGGGTCTGATCTCGTGTAGCCATATAGAGTTTGCTTCTGAGTGTCTGCTTTGTTTA
GTAGAGGTGGCAGGAGGAGCTGAGGGCTGGGGCTGGGGTGTGAAGTTGGCTTTGCATGCCAGCGA
TGCGCCTCCCTGTGGATGTCATCACCTGGGAACCGGGAGTGGCCCTTGCTCACTGTGTCTGCATG
GTTTGGATCTGAATTAATTGTCCTTTCTCTAAATCCCAACCGAACTTCTCCAACCTCCAACTGGCT
GTAACCCCAAATCCAAGCATTAACTACACCTGACAGTAGCAATTGTCTGATTAATCACTGGCCCTTG
AAGACAGCAGAATGTCCCTTTGCAATGAGGAGGAGATCTGGGCTGGGCGGGCCAGCTGGGGAAGCATTT
GACTATCTGGAACCTTGTGTGTCCTCCTCAGGTATGGCAGTGACTCACCTGGTTTTAATAAAACAACCT
GCAACATCTCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

| | |
|--------------------|--|
| 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). |



[View online »](#)

| | |
|--------------------|--|
| Components: | 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. |
| RefSeq: | NM_203378.1 |
| Summary: | 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] |
| Locus ID: | 4151 |
| MW: | 19.9 |