

Product datasheet for **SC205309**

Myozenin 1 (MYOZ1) (NM_021245) Human 3' UTR Clone

Product data:

| | |
|--------------------|--|
| Product Type: | 3' UTR Clones |
| Symbol: | Myozenin 1 |
| Synonyms: | CS-2; FATZ; MYOZ |
| Mammalian Cell | Neomycin |
| Selection: | |
| Vector: | pMirTarget (PSI00062) |
| ACCN: | NM_021245 |
| Insert Size: | 348 bp |
| Insert Sequence: | <p>>SC205309 3'UTR clone of NM_021245</p> <p>The sequence shown below is from the reference sequence of NM_021245. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCCTTGGATGGAGAAACAGAGGAGCTGAGGTGTTTCCTCCTCTGATTGCATCATTTCCCTCTCTG GCTCCAATTTGGAGAGGGAATGCTGAGCAGATAGCCCCATTGTTAATCCAGTATCCTTATGGGAATGG AGGGAAAAAGGAGAGATCTACCTTTCCATCCTTTACTCCAAGTCCCCACTCCACGCATCCTTCCTCACC AACTCAGAGCTCCCTTTCTACTTGCTCCATATGGAACCTGCTCGTTTATGGAATTTGCTCTGCCACCAG TAACAGTCAATAAACTTCAAGGAAATGAAGTCAATCTTCTTTGATATTTGAGAGCAGATGAAAGCCG AGG ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG </pre> |
| Restriction Sites: | SgfI-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). |



| | |
|--------------------|--|
| 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. |
| Note: | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required. |
| RefSeq: | <u>NM_021245.4</u> |
| Summary: | The protein encoded by this gene is primarily expressed in the skeletal muscle, and belongs to the myozenin family. Members of this family function as calcineurin-interacting proteins that help tether calcineurin to the sarcomere of cardiac and skeletal muscle. They play an important role in modulation of calcineurin signaling. [provided by RefSeq, Apr 2012] |
| Locus ID: | 58529 |
| MW: | 13.4 |