

## Product datasheet for **SC214643**

### **MYO1B (NM\_001161819) Human 3' UTR Clone**

#### **Product data:**

|               |   |
|---------------|---|
| Product Type: | 3' UTR Clones                           |
| Product Name: | MYO1B (NM_001161819) Human 3' UTR Clone |
| Vector:       | pMirTarget (PS100062)                   |
| Symbol:       | MYO1B                                   |
| Synonyms:     | MMI-alpha; MMIa; MYH-1c; myr1           |
| ACCN:         | NM_001161819                            |
| Insert Size:  | 1456 bp                                 |



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|                           |   |
|---------------------------|---|
| <b>Insert Sequence:</b>   | <p>&gt;SC214643 3'UTR clone of NM_001161819<br/>The sequence shown below is from the reference sequence of NM_001161819. The complete sequence of this clone may contain minor differences, such as SNPs.<br/>Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATCAAGCGATCGCC AACCGTCTCCTTGAAGTTGCTGTCCCTAACTGGCGCCTCCTCTACTTTCATGGACTTGTTCCTTTG TAATAGTGCAATTTGGTTTTGTTTTATTTGGGGTTCATTGTATGTTGGGAATCACCAAAGGCTTTTAG AGTTCTTTGGCAAAATAAAAATATTTGACTAATCAATTTTTATTATTGGAATAGTTTTAACCTTTCAAA TACATGTTCTGCTGGAGCAGGATTGTAGAACTAACAGTGTCTATTTTCATGTCTGATGTGTTCTTC CTTTAGTCATCATGTTAGGTCTGTGTACCCTAAATCAGCATATTACTCATAAATCATTAATTAATATAA GCATAGGAAATGGTCTTAAAAGATACTGCATTCATTCATCAGATATTTATCCATGCCTACTCTATGCT AGGCACGTGCTAGATGGTATGAAAACCTATTAGGAACCTTTTTGTTTTGAGACCATTGCATTCTGGC TGGTTTTGCTGGTTAACGACATCTAAGAAGGTTTAGAAATGGTGAGACCAAAACAATAACTGTTAAT GATGGACAGCATTATTAGGAACCTGTAGTATGATATTTAACAATATAGGCTTCAAGAAGGGCTGGTCC TAAGAGGGGGCAGAAATGAATGACCAGGTTAAATCCCTCTACATGTGTTTTGAAAAAAGAAA ACTGACATTTGAACAGGACTTTTAAATTTGTTTAAAACCTCTGGTAATTAAGTGAACAGTAGAAAAAGA AGTCATTTCTTATTTAGAAAAAGTGACAGAAGCAGTCCAGTAAGATTATATGTTTCTGTTCTGGTAAA TACCATATATGATCCTCGAAATGATAATATCTCCAGAATATTGTTTTACCCAAATTTGAGTAGATATT TAAACACCTAACAAAGTAAAGGGCTAAAAGCCATTGAGATAGCAGTAAAACATTCTGTATGATGTGCA ATAAAACATCCAAGATCTTTTTGAAAGTTTTATTATAATATACATTTTTGTATGAGAAAGGTGATTG GTACAGGGTGCCATTTTAGTCATGGATCAAAATTTGTGTAACCTGCAGGGCTTTCTTTCTTTTCTTC AAATTTACAAGGGTTCATTTTGGAACTACATTTTAACTTTGGAATCAAAATTGTTCTTATTTGGGAG GATAATGTATATACATTGGTATTATGTTAAATAATAAAATTTGTTCTAATTTGGTGCCATTTCTGAATC ACAAGTATTTTTGTATCTCAAGCTATTTTCATATGTTGTGTGCAATGTATCATCTCTCAGAAAGGT TTTACAATCCAACATTATGTTCTCTGTGTAACCTGAATTTCACTTATCTTTTATAAACAGAAACAT TAATTGAAAAATTTTCTGGGGATTTCTCTTGACTTGTATTTTTAAAAATTGCTCACATAAAGAAGTT CTCAGAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG</pre> |
| <b>Restriction Sites:</b> | Sgfl-MluI   |
| <b>OTI Disclaimer:</b>    | 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).   |
| <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_001161819.3</a>  |
| <b>Summary:</b>           | Motor protein that may participate in process critical to neuronal development and function such as cell migration, neurite outgrowth and vesicular transport.[UniProtKB/Swiss-Prot Function]   |
| <b>Locus ID:</b>          | 4430  |
| <b>MW:</b>                | 56.2  |