

## MYO1D-myosin ID Gene

Reference: PTXBC030602

|                |                                                                                                                    |                     |                |
|----------------|--------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                               | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | PPP1R108; myr4; unconventional myosin-Id; myosin-I gamma; protein phosphatase 1, regulatory subunit 108; myosin ID |                     |                |

**For research use only.**

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|-------------------------|--------------------------------------------------------------------------------------------------|
| <b>GENE DESCRIPTION</b> | myosin ID                                                                                        |
| <b>GENE ID</b>          | 4642                                                                                             |
| <b>ORIGIN SPECIES</b>   | Human                                                                                            |
| <b>ACCESSIONS</b>       | BC030602                                                                                         |
| <b>VECTOR</b>           | pDONR223                                                                                         |
| <b>NCBI SYMBOL</b>      | MYO1D                                                                                            |
| <b>LENGTH</b>           | ProteoGenix bp                                                                                   |
| <b>SEQUENCE PRIMERS</b> | Forward primer M13R (5'→3'): GTAAACGACGGCCAGT<br>Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG |

### ORF (Only for reference, product provided without STOP codon )

atggcggagcaggagcctggaattcggcaaggcagactcgtgctgatggacaccgtccatgcccgagttcatggccaacctcaggtcagatttgaaaaaggcgcatctatacgttcattggagaagtcgtcttctgtgaacccttacaagttgtgaacatctatggaagac  
acaattgagcagataaaggccgtgagctgtatgagagaccgctcacccttttctattgcggatgctgttacaaggctatgaaggcgcatcaaaagacactgtattgtgatacagggaaagtggagctggtaaacgggaagccagtaagtacattatcagtatattgcggccatca  
ccaacccagtcagagagcagaggttgaaagagtgaaagaatattgttgaagtcacactgtgttttggaaagcttttgaaatgccaaaacacacgtatgacaactcaagcaggtttggaaatacatggatatacaactttgactcaagggtgaccctattgtggccatataaactact  
tactagaaaagtcctcagtgattgtgcaacagccaggagaagaagctttcattctttctatcagctactccaaggaggttcagaacaaatgctacgctctctacatccagaatcccttctcctacaactatattcatgtgggagctcaattaaagtcttctatcaatgatgctgccgaattca  
gagttgtgctgatgccatgaaagtcattggcttcaaacctgaggagatccaacagtgataagatttggctgctattctgcaacttggaaatttaaaattttagtagatgttgacacgcctctattgagaatggcaagtagtatctatagcagaattgctctactaagacagatattgt  
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catgggaaaaacactgtattgtgtcttggatattcattggtttgaaatcttgacaacaacagtttgaacaattctglatcaattactgcaatgagaactgcagcagctatttattcagctggttctgaagcaagaacaagaggaataccagcgggaaggatccccctggaacatgtgggat  
tgctataa