

## TPM1-tropomyosin 1 (alpha) Gene

Reference: PTXBC053545

|                |                                                                                                                                                                                                                                  |                     |                |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                                                                                                                              | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                                                                                                                                             | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | C15orf13; CMD1Y; CMH3; HEL-S-265; HTM-alpha; LVNC9; TMSA; tropomyosin alpha-1 chain; alpha-tropomyosin; cardiomyopathy, hypertrophic 3; epididymis secretory protein Li 265; sarcomeric tropomyosin kappa; tropomyosin 1 (alpha) |                     |                |

**For research use only.**

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|-------------------------|---------------------------------------------------------------------------------------------------|
| <b>GENE DESCRIPTION</b> | tropomyosin 1 (alpha)                                                                             |
| <b>GENE ID</b>          | 7168                                                                                              |
| <b>ORIGIN SPECIES</b>   | Human                                                                                             |
| <b>ACCESSIONS</b>       | BC053545                                                                                          |
| <b>VECTOR</b>           | pDONR223                                                                                          |
| <b>NCBI SYMBOL</b>      | TPM1                                                                                              |
| <b>LENGTH</b>           | ProteoGenix bp                                                                                    |
| <b>SEQUENCE PRIMERS</b> | Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT<br>Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG |

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

atggcgggagtagctcgtggagggcgtgcgaggaagatccggagcctgcaggagcagggcgagccgctgaggagcgcgccggccaccctgcagcgcgagctggaccacgagaggagctgaggagaccgctgaagccgacgtgcttctgaacagacgcatccag  
ctggttgaggaagagttggatcgtgccaggagcgtctggaacagcttgcagaagctggaggaagctgagaagcagcagatgagagtgagagagcagaaagtcattgagagtcgagcccaaaagatgaagaaaaatggaattcaggagatccactgaaaggcaca  
gcacattgctgaagatgccgaccgcaaatggaaggtggccgtgaagctggtcatcattgagagcagctggaacgtgcagaggagcgggctgagctctcagaaggcaaatgtgccgagcttgaagaagaattgaaactgtgacgaacaactgaagtcactggaggctcaggct  
gagaagtactcgcagaaggaagacagatatgaggaagatcaaggtcttccgacaagctgaaggaggctgagactcgggctgagttgaggagagtcagtaactaaattggagaaaagcattgatgactagaagatcaactctaccagcaacttgagcaaatgccgcctcact  
aatgaactaaagctggccctgaatgaggaattaa