

## IMPA1-inositol(myo)-1(or 4)-monophosphatase 1 Gene

Reference: PTXBC009565

|                |                                                                                                                                                                                                                                                                 |                     |                |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                                                                                                                                                             | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                                                                                                                                                                            | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | IMP; IMPA; inositol monophosphatase 1; D-galactose 1-phosphate phosphatase; IMP 1; IMPase 1; inositol(myo)-1(or 4)-monophosphatase 1; inositol-1(or 4)-monophosphatase 1; lithium-sensitive myo-inositol monophosphatase A1; myo-inositol monophosphatase 1; te |                     |                |

**For research use only.**

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| <b>GENE DESCRIPTION</b> | inositol(myo)-1(or 4)-monophosphatase 1                                                           |
| <b>GENE ID</b>          | 3612                                                                                              |
| <b>ORIGIN SPECIES</b>   | Human                                                                                             |
| <b>ACCESSIONS</b>       | BC009565                                                                                          |
| <b>VECTOR</b>           | pDONR223                                                                                          |
| <b>NCBI SYMBOL</b>      | IMPA1                                                                                             |
| <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 )

atggctgaccttggcagggaatgcattatgcagtaactctagcaagacaagctggagaggtgtttgtgaagctataaaaaatgaatgaatgttatgctgaaaagtctccagttgatttgtaactgctacggacacaaaagtgaataatgcttatctctccataaaggaaaagtatc  
catctcacagtttcaattggtagaatactgtggcagctggggaataatgtatcttaaccgacaacccacatggatcattgacccattgatggaacaacttgtacatagatttctttgtagctgtttcaattggctttgctgtaataaaaaagatagaattggagttgtgacagttgtgtg  
gaaggcaagatgtacactgccagaaaagaaaaggtgctttgttaattgggtcaaaaactacaagttcacacaagaagatattaccaaatctctcttgggtgactgagttgggctctccagaacaccagagactgtgagaatggttcttctaataatgaaaagctttttgcatcctgttcatgg  
gatccgagtggttgaacagcagctgttaatatgtgccttggcaactggcggagcagatgcattatgaatgggaattcactgctgggagtggtgcaggagctggcattattgtactgaagctgggtggcgtgctaattggtacaggtggaccatttgattgatgcagaagagta  
tgctgcaataatagaatattagcagaaaggatagctaaagaattcagggttatacctttgcaacgagacgacgaagattaa